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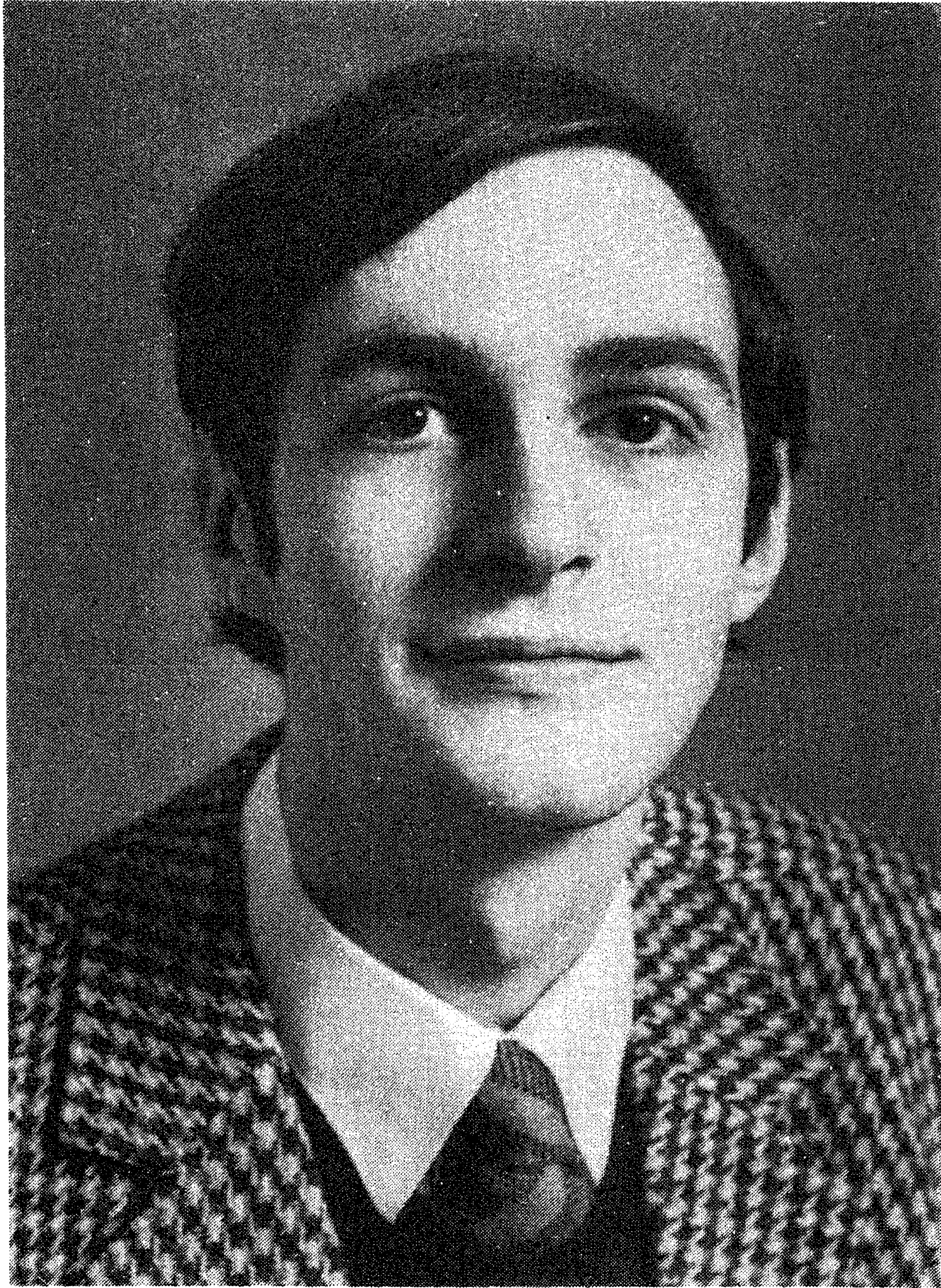
B.J. LAGEWEG, E.L. LAWLER, J.K. LENSTRA

MACHINE SCHEDULING PROBLEMS:
COMPUTATIONS, COMPLEXITY AND CLASSIFICATION

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CLARK K

MACHINE SCHEDULING PROBLEMS

Computations, complexity and classification

INCLUDING A PHOTOGRAPH, A TRANSPARENT PAGE, A PREFACE,
AN ABSTRACT, KEY WORDS & PHRASES, AN AMS (MOS) CLASSIFICATION,
AN INTRODUCTION, FIVE FIGURES, TWO TABLES, COMPUTER OUTPUT,
CONCLUDING REMARKS, ACKNOWLEDGEMENTS, AND REFERENCES

BY

B.J. LAGEWEG

E.L. LAWLER

J.K. LENSTRA

IN HONOUR OF

A.H.G. RINNOOY KAN

UPON THE OCCASION OF THE DEFENSE OF HIS DOCTORAL THESIS,
JANUARY 28, 1976

MATHEMATISCH CENTRUM, AMSTERDAM

PREFACE

"Some people without possessing genius have a remarkable power of stimulating it."

*A. Conan Doyle,
The Hound of the Baskervilles.*

Many illustrious figures in the history of science (Galileo, Newton, Einstein) have acknowledged their debt to past generations by saying that what they had achieved, they had achieved only by standing on the shoulders of the giants who came before them. The rapidly accelerated pace of modern scientific investigation has made it inevitable that today's researcher stands on the shoulders, not of past generations, but of his immediate associates. Indeed, it is not uncommon for one to stand on the shoulders of a second, who in turn had stood on the shoulders of the first, only the week before.

It is therefore with pleasure that the authors acknowledge their debt to Alexander Rinnooy Kan for the foundation on which this present volume rests. Without his massive compilation of fragmentary results, questionable conjectures, and tentative conclusions, it would not have been possible to formulate the well-refined list of open problems contained herein.

Hilbert's problems stimulated decades of rewarding mathematical research. It is hoped that our listing may also, perhaps in a smaller way, do the same. Admittedly, some of our problems are less significant than Hilbert's, but no one can question that they are more numerous. Certainly they stand as they are, just as the computer generated them.

Ben Lageweg
Eugene Lawler
Jan Karel Lenstra

Amsterdam, January, 1976

ABSTRACT

An extensive class M of machine scheduling problems is considered. We present preliminary results obtained by a computer program which produces a complexity classification of all problems in M . Given a subclass of polynomially solvable problems, a subclass of NP-complete ones and a certain elementary type of reducibility among machine scheduling problems, M is partitioned in three classes consisting of the easy, open and hard problems respectively; furthermore, the minimal and maximal problems within these classes are determined. This method of listing is a useful tool in providing guidelines for future investigations in the area of machine scheduling.

KEY WORDS & PHRASES: *machine scheduling problem, computations, complexity, classification, reducibility, polynomially solvable problem, open problem, NP-complete problem, minimal problem, maximal problem*

AMS (MOS) subject classification scheme (1970): 90B35, 68A20

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1. INTRODUCTION

We assume the reader to be familiar with the basic principles of deterministic machine scheduling theory. For the notation used in this report as well as for an introduction to the concepts of problem complexity, we refer to [1] (see also [2]).

We will restrict ourselves to an extensive class M consisting of 4158 machine scheduling problems. Each problem $P \in M$ corresponds to a quintuple $(v_i)_{i=1}^5$, where v_i is a vertex of the graph G_i , drawn in Figure i ($i = 1, \dots, 5$).

It is well known that all these problems can be solved by polynomial-depth backtrack search. Thus, M can be partitioned in three subclasses M^* , $M^?$ and $M^!$, where M^* consists of the problems which are known to be solvable by a polynomial-bounded algorithm, $M^!$ consists of the problems which have been proved to be NP-complete, and $M^?$ contains the open problems, for which neither a good algorithm nor an NP-completeness proof is available.

We define a certain elementary type of reducibility among problems in M , which is a slight extension of [1, Theorem 4.1] (see also [2, Theorem 3.4]).

P' is said to be reducible to P according to this type of reducibility (notation: $P' \rightarrow P$) if

(a) $P' = (v_i')_{i=1}^5$, $P = (v_i)_{i=1}^5$, and either $v_i' = v_i$ or G_i contains a directed path from v_i' to v_i , for $i = 1, \dots, 5$, or

(b) $P' = n|m-1|F, r_n \geq 0, \lambda|\kappa$, $P = n|m|F, \lambda|\kappa$, and $\lambda \in \{w_i=1, C_i \leq d_i\}$, or

(c) $P' = n'|m|I, prec, p_i \leq p_*, \lambda|C_{\max}$, $P = n|m|I, prec, p_i \leq p_*, \lambda|C_i$, and $\lambda \in \{C_i \leq d_i\}$.

A computer program has been developed which produces a complexity classification of all problems in M . More specifically, the program requires as input two classes I^* and $I^!$ with

$$I^* \subset M \cap P,$$

$$I^! \subset M \cap \{P \mid P \text{ is NP-complete}\},$$

and determines M^* , $M^?$ and $M^!$ by

$$M^* := \{P \mid P \in M; \exists P' \in I^*: P \rightarrow P'\};$$

$$M^! := \{P \mid P \in M; \exists P' \in I^!: P' \rightarrow P\};$$

$$M^? := M - (M^* \cup M^!).$$

Furthermore, four subclasses of problems which are minimal or maximal with respect to the relation \rightarrow are identified according to

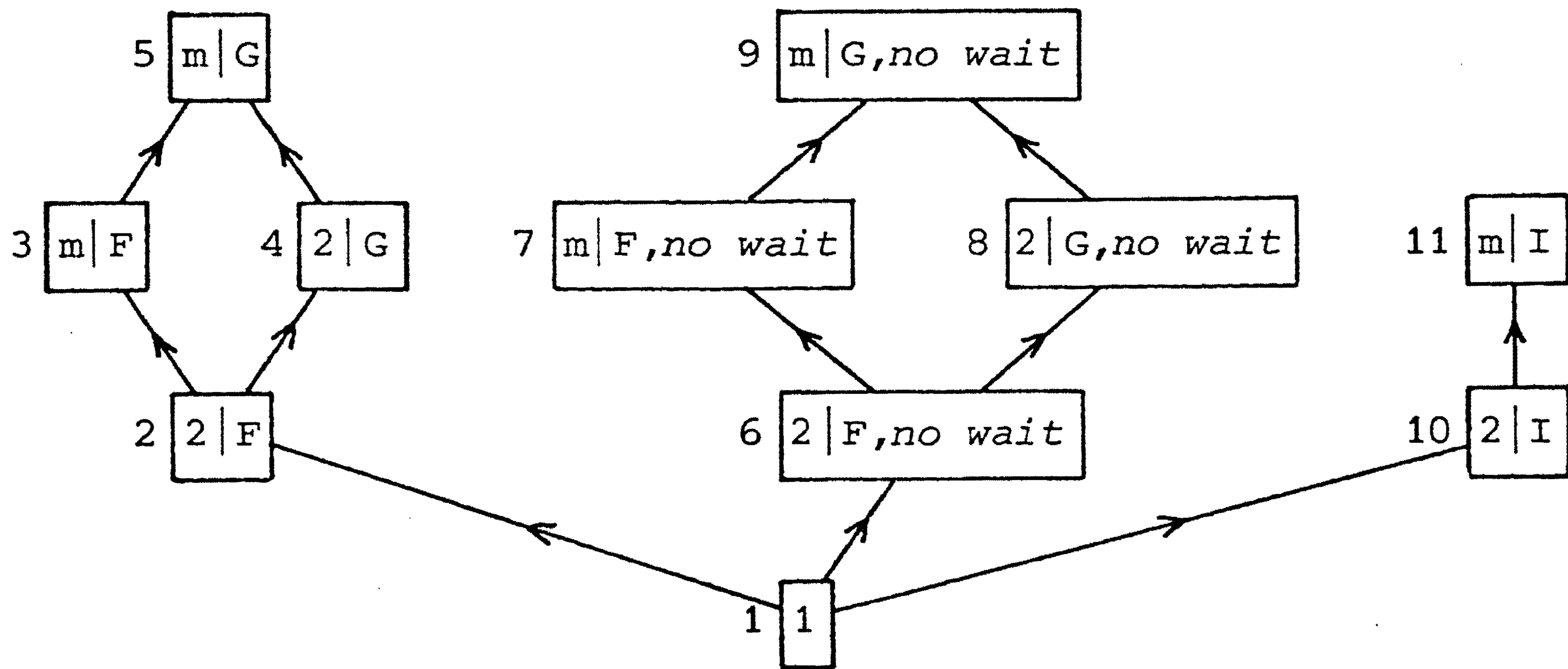


Figure 1 The graph G_1 .

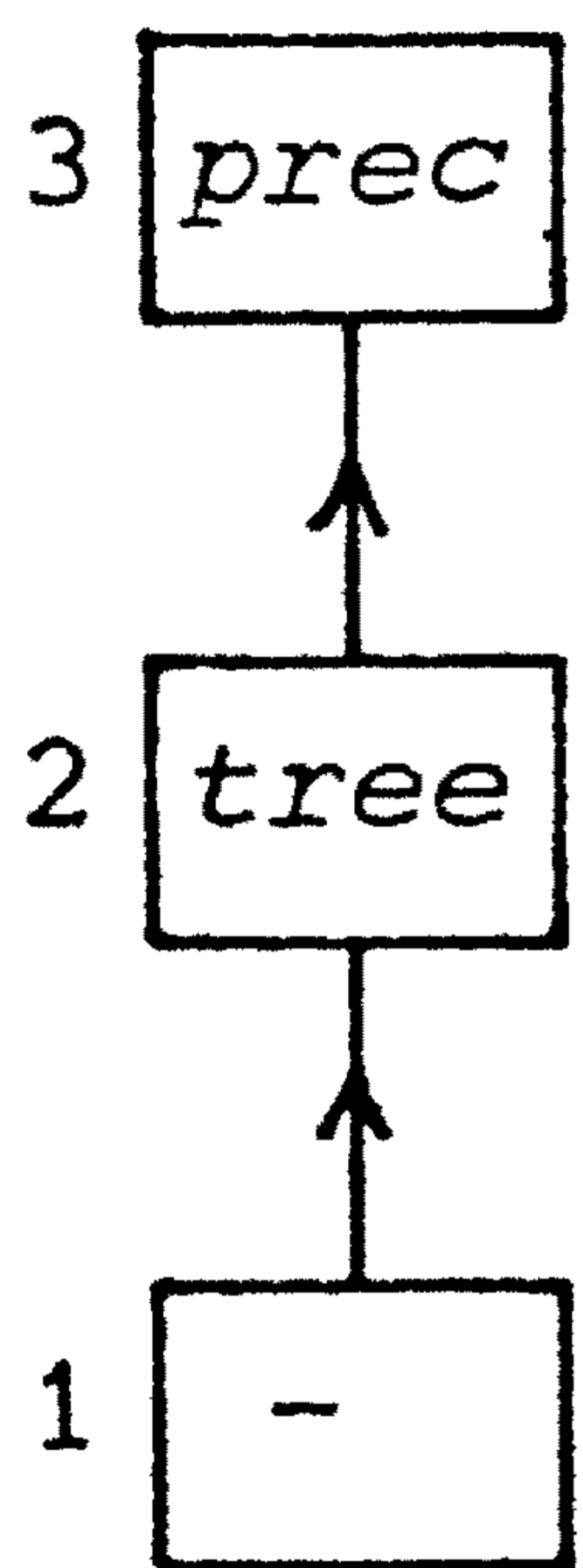


Figure 2 The graph G_2 .

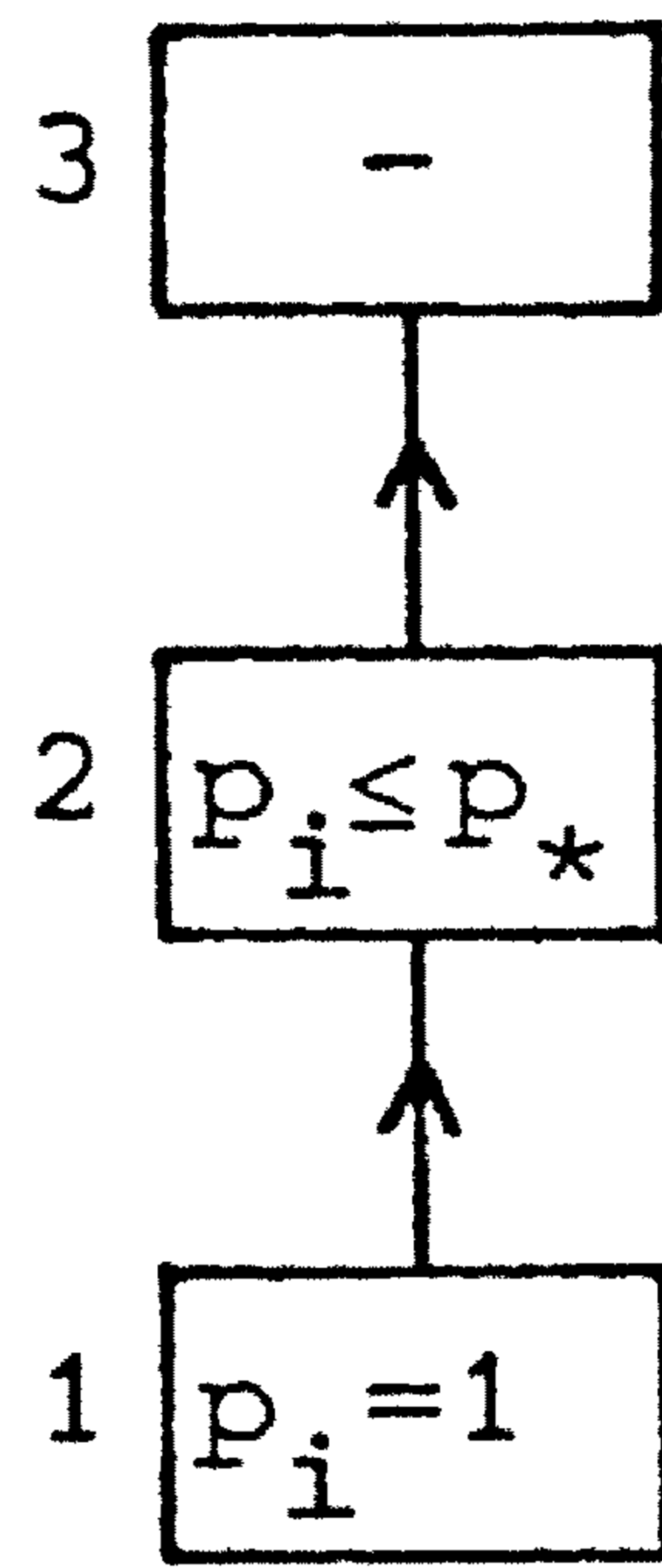


Figure 3 The graph G_3 .

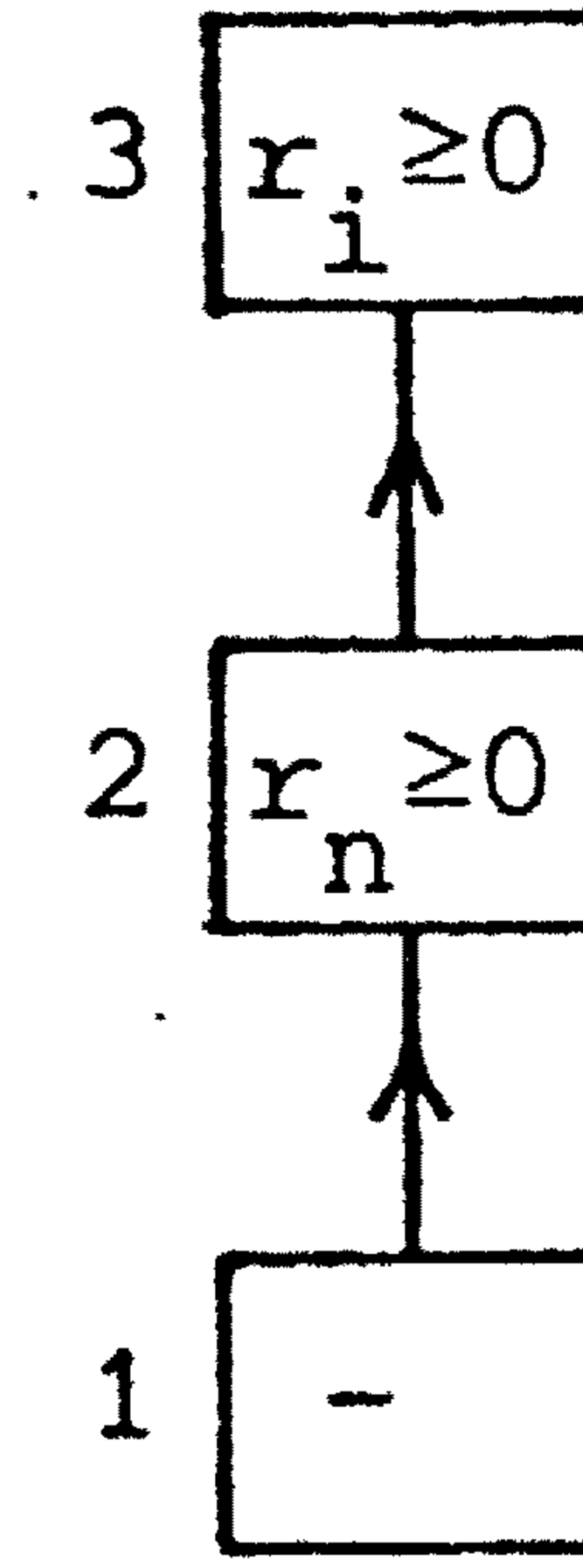


Figure 4 The graph G_4 .

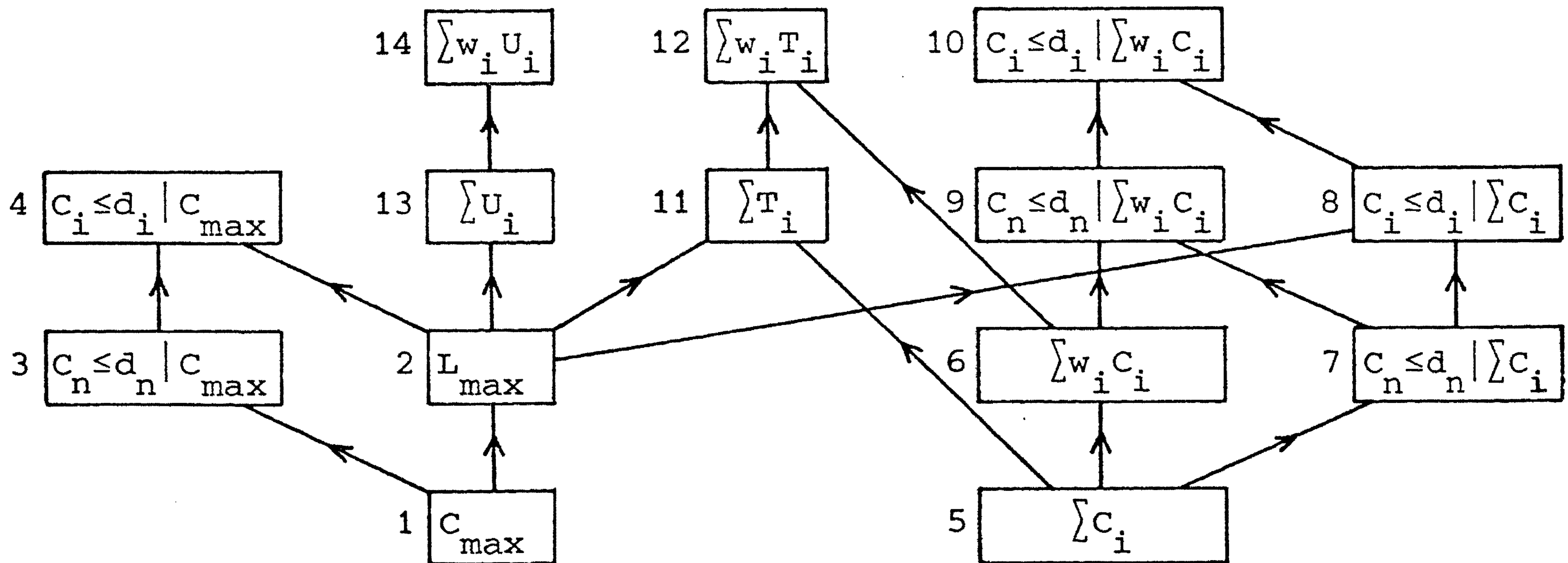


Figure 5 The graph G_5 .

$$M_{\max}^* := \{P \mid P \in M^*; \forall P' \in M - \{P\}: P \rightarrow P' \Rightarrow P' \notin M^*\};$$

$$M_{\min}^? := \{P \mid P \in M^?; \forall P' \in M - \{P\}: P' \rightarrow P \Rightarrow P' \notin M^?\};$$

$$M_{\max}^? := \{P \mid P \in M^?; \forall P' \in M - \{P\}: P \rightarrow P' \Rightarrow P' \notin M^?\};$$

$$M_{\min}^! := \{P \mid P \in M^!; \forall P' \in M - \{P\}: P' \rightarrow P \Rightarrow P' \notin M^!\};$$

Clearly, the "minimal" input is given by $I^* = M_{\max}^*$ and $I^! = M_{\min}^!$.

In the first run of this program, I^* and $I^!$ were given by the results from [1, Table 4.1] (see also [2, Table 7.1]); moreover, a proper subgraph of the current graph G_5 was used. The cardinalities of the resulting subclasses are shown in Table I.

Since then, the class $M^?$ has been reduced in size by methods ranging from obvious extensions of known results to the development of new good algorithms and the construction of quite intricate NP-completeness proofs. These additional results will be reported in due course in the literature.

The state of the art is summarized in Table II. In the remaining sections, the problems in M_{\max}^* , $M_{\min}^?$, $M_{\max}^?$, $M_{\min}^!$ and M are listed explicitly, ordered according to the numbering of the vertices in Figures 1 to 5. We emphasize that these results represent an intermediate stage of this project. It is to be expected that the complexity status of many open problems will be established in the near future.

TABLE I. FIRST RESULTS, NOVEMBER 10, 1975

•	$ M^* $	$ M_{\min}^? $	$ M_{\max}^? $
*	152		17
?	2236	40	27
!	1770	20	

TABLE II. LATEST RESULTS, JANUARY 21, 1976

•	$ M^* $	$ M_{\min}^? $	$ M_{\max}^? $
*	457		30
?	1294	54	31
!	2407	23	

2. MAXIMAL POLYNOMIALLY SOLVABLE PROBLEMS: THE CLASS M_{\max}^*

N/1/CI<=DI/SUMCI
 N/1//SUMUI
 N/1/TREE/SUMWICI
 N/1/PREC,PI=1,RI>=0,CI<=DI/SUMCI
 N/1/PREC,CI<=DI/CMAX
 N/1/PREC,RI>=0/CMAX
 N/2/F/CMAX
 N/2/F,TREE,PI=1/CMAX
 N/M/F,PI=1,RI>=0,CI<=DI/CMAX
 N/M/F,PI=1,RI>=0,CI<=DI/SUMWICI
 N/M/F,PI=1,RI>=0/SUMWITI
 N/M/F,PI=1,RI>=0/SUMWIUI
 N/2/F,NO WAIT/CMAX
 N/2/F,NO WAIT,TREE,PI=1/CMAX
 N/M/F,NO WAIT,PI=1,RI>=0,CI<=DI/CMAX
 N/M/F,NO WAIT,PI=1,RI>=0,CI<=DI/SUMWICI
 N/M/F,NO WAIT,PI=1,RI>=0/SUMWITI
 N/M/F,NO WAIT,PI=1,RI>=0/SUMWIUI
 N/2/I,PI<=P*,RN>=0,CI<=DI/CMAX
 N/2/I,PI<=P*,RN>=0,CN<=DN/SUMWICI
 N/2/I,PI<=P*,RN>=0/SUMWIUI
 N/2/I,PI<=P*,RI>=0,CN<=DN/CMAX
 N/2/I,PREC,PI=1/SJMCI
 N/2/I,PREC,PI=1,RI>=0,CI<=DI/CMAX
 N/M/I,PI=1,RI>=0,CI<=DI/CMAX
 N/M/I,PI=1,RI>=0,CI<=DI/SUMWICI
 N/M/I,PI=1,RI>=0/SUMWITI
 N/M/I,PI=1,RI>=0/SUMWIUI
 N/M/I/SUMCI
 N/M/I,TREE,PI=1/CMAX

3. MINIMAL OPEN PROBLEMS: THE CLASS M_{\min}^2

N/1/PI<=P*,CI<=DI/SUMWICI
 N/1/PI<=P*/SUMTI
 N/1/PI<=P*,RN>=0,CI<=DI/SUMCI
 N/1/PI<=P*,RI>=0/LMAX
 N/1/PI<=P*,RI>=0/SUMCI
 N/1/TREE,PI=1,CN<=DN/SUMWICI
 N/1/TREE,PI=1/SUMTI
 N/1/TREE,PI=1/SUMUI
 N/1/TREE,PI=1,RN>=0/SUMWICI
 N/1/TREE,PI<=P*,CN<=DN/SUMCI
 N/1/TREE,PI<=P*,RN>=0/LMAX
 N/1/TREE,PI<=P*,RN>=0,CN<=DN/CMAX
 N/1/TREE,PI<=P*,RN>=0/SUMCI
 N/2/F,PI<=P*/LMAX
 N/2/F,PI<=P*,CN<=DN/CMAX
 N/2/F,PI<=P*/SUMCI
 N/2/F,PI<=P*,RN>=0/CMAX
 N/2/F,TREE,PI=1/LMAX
 N/2/F,TREE,PI=1,CN<=DN/CMAX
 N/2/F,TREE,PI=1/SUMCI
 N/2/F,TREE,PI=1,RN>=0/CMAX
 N/2/F,TREE,PI<=P*/CMAX
 N/2/F,PREC,PI=1/CMAX
 N/M/F,PI<=P*/CMAX
 N/M/F,TREE,PI=1/CMAX
 N/2/G,PI=1/CMAX
 N/2/G,PI=1/SUMCI
 N/2/F,NO WAIT,PI<=P*/LMAX
 N/2/F,NO WAIT,PI<=P*,CN<=DN/CMAX
 N/2/F,NO WAIT,PI<=P*/SUMCI
 N/2/F,NO WAIT,PI<=P*,RN>=0/CMAX
 N/2/F,NO WAIT,TREE,PI=1/LMAX
 N/2/F,NO WAIT,TREE,PI=1,CN<=DN/CMAX
 N/2/F,NO WAIT,TREE,PI=1/SUMCI
 N/2/F,NO WAIT,TREE,PI=1,RN>=0/CMAX
 N/2/F,NO WAIT,TREE,PI<=P*/CMAX
 N/2/F,NO WAIT,PREC,PI=1/CMAX
 N/M/F,NO WAIT,TREE,PI=1/CMAX
 N/2/G,NO WAIT,PI=1/SUMCI
 N/2/I,PI<=P*,CI<=DI/SUMCI
 N/2/I,CN<=DN/SUMCI
 N/2/I,TREE,PI=1/SUMWICI
 N/2/I,TREE,PI=1,CN<=DN/SUMCI
 N/2/I,TREE,PI=1,RN>=0/SUMCI
 N/2/I,TREE,PI<=P*/CMAX
 N/2/I,TREE,PI<=P*/SUMCI
 N/M/I,PI<=P*/CMAX
 N/M/I,PI<=P*/SUMWICI
 N/M/I,PI<=P*,CN<=DN/SUMCI
 N/M/I,PI<=P*,RN>=0/SUMCI
 N/M/I,TREE,PI=1/LMAX
 N/M/I,TREE,PI=1,CN<=DN/CMAX
 N/M/I,TREE,PI=1/SUMCI
 N/M/I,TREE,PI=1,RN>=0/CMAX

4. MAXIMAL OPEN PROBLEMS: THE CLASS $M_{\max}^?$

N/M/G, $PI \leq P^*$, $RI \geq 0$ / SUMWIUI
 N/M/G, TREE, $PI \leq P^*$, $RN \geq 0$ / SUMWIUI
 N/M/G, TREE, $PI \leq P^*$, $RI \geq 0$, $CI \leq DI$ / SUMWICI
 N/M/G, TREE, $PI \leq P^*$, $RI \geq 0$ / SUMWITI
 N/M/G, PREC, $PI = 1$, $RI \geq 0$, $CI \leq DI$ / SUMCI
 N/M/G, PREC, $PI \leq P^*$, $RI \geq 0$, $CI \leq DI$ / CMAX
 N/2/F, NO WAIT, $PI \leq P^*$, $RI \geq 0$ / SUMWIUI
 N/2/F, NO WAIT, TREE, $PI \leq P^*$, $RN \geq 0$ / SUMWIUI
 N/2/F, NO WAIT, TREE, $PI \leq P^*$, $RI \geq 0$, $CI \leq DI$ / SUMWICI
 N/2/F, NO WAIT, TREE, $PI \leq P^*$, $RI \geq 0$ / SUMWITI
 N/2/F, NO WAIT, TREE / SUMWICI
 N/2/F, NO WAIT, TREE, $CI \leq DI$ / SUMCI
 N/2/F, NO WAIT, TREE / SUMTI
 N/2/F, NO WAIT, TREE / SUMUI
 N/2/F, NO WAIT, PREC, $PI \leq P^*$, $RI \geq 0$, $CI \leq DI$ / CMAX
 N/2/F, NO WAIT, PREC, $CI \leq DI$ / CMAX
 N/2/F, NO WAIT, PREC, $RI \geq 0$ / CMAX
 N/M/F, NO WAIT, TREE, $PI = 1$, $RN \geq 0$ / SUMWIUI
 N/M/F, NO WAIT, TREE, $PI = 1$, $RI \geq 0$, $CI \leq DI$ / SUMWICI
 N/M/F, NO WAIT, TREE, $PI = 1$, $RI \geq 0$ / SUMWITI
 N/M/F, NO WAIT, PREC, $PI = 1$, $RI \geq 0$, $CI \leq DI$ / CMAX
 N/M/F, NO WAIT, PREC, $PI = 1$, $RI \geq 0$, $CI \leq DI$ / SUMCI
 N/2/G, NO WAIT, TREE, $PI \leq P^*$, $RI \geq 0$, $CN \leq DN$ / SUMCI
 N/M/G, NO WAIT, PREC, $PI = 1$, $RI \geq 0$, $CN \leq DN$ / SUMCI
 N/2/I, PREC, $PI = 1$, $RI \geq 0$, $CI \leq DI$ / SUMCI
 N/M/I, $PI \leq P^*$, $RI \geq 0$ / SUMWIUI
 N/M/I, TREE, $PI \leq P^*$, $RN \geq 0$ / SUMWIUI
 N/M/I, TREE, $PI \leq P^*$, $RI \geq 0$, $CI \leq DI$ / CMAX
 N/M/I, TREE, $PI \leq P^*$, $RI \geq 0$, $CI \leq DI$ / SUMWICI
 N/M/I, TREE, $PI \leq P^*$, $RI \geq 0$ / SUMWITI
 N/M/I, TREE, $CN \leq DN$ / SUMCI

5. MINIMAL NP-COMPLETE PROBLEMS: THE CLASS M_{\min}^1

N/1/CN \leq DN/SUMWICI
 N/1/SUMWITI
 N/1/SUMWIUI
 N/1/RN \geq 0/LMAX
 N/1/RN \geq 0, CN \leq DN/CMAX
 N/1/RN \geq 0/SUMCI
 N/1/TREE, PI=1, RI \geq 0/SUMUI
 N/1/PREC, PI=1/SUMWICI
 N/1/PREC, PI=1/SUMTI
 N/1/PREC, PI=1/SUMUI
 N/1/PREC, PI \leq P*/SUMCI
 N/2/F, RN \geq 0/CMAX
 N/2/F, TREE/CMAX
 N/2/G/CMAX
 N/M/F, NO WAIT, PI \leq P*/CMAX
 N/M/F, NO WAIT, PI \leq P*/SUMCI
 N/2/G, NO WAIT, PI=1/CMAX
 N/2/G, NO WAIT, PI=1/SUMWICI
 N/2/G, NO WAIT/SUMCI
 N/2/I/CMAX
 N/2/I/SUMWICI
 N/2/I, PREC, PI \leq P*/CMAX
 N/M/I, PREC, PI=1/CMAX

6. ALL PROBLEMS: THE CLASS M

```

* N/1/PI=1/CMAX
* N/1/PI=1/LMAX
* N/1/PI=1,CN<=DN/CMAX
* N/1/PI=1,CI<=DI/CMAX
* N/1/PI=1/SUMCI
* N/1/PI=1/SUMWICI
* N/1/PI=1,CN<=DN/SUMCI
* N/1/PI=1,CI<=DI/SUMCI
* N/1/PI=1,CN<=DN/SUMWICI
* N/1/PI=1,CI<=DI/SUMWICI
* N/1/PI=1/SUMTI
* N/1/PI=1/SUMWITI
* N/1/PI=1/SUMUI
* N/1/PI=1/SUMWUI
* N/1/PI=1,RN>=0/CMAX
* N/1/PI=1,RN>=0/LMAX
* N/1/PI=1,RN>=0,CN<=DN/CMAX
* N/1/PI=1,RN>=0,CI<=DI/CMAX
* N/1/PI=1,RN>=0/SUMCI
* N/1/PI=1,RN>=0/SUMWICI
* N/1/PI=1,RN>=0,CN<=DN/SUMCI
* N/1/PI=1,RN>=0,CI<=DI/SUMCI
* N/1/PI=1,RN>=0,CN<=DN/SUMWICI
* N/1/PI=1,RN>=0,CI<=DI/SUMWICI
* N/1/PI=1,RN>=0/SUMTI
* N/1/PI=1,RN>=0/SUMWITI
* N/1/PI=1,RN>=0/SUMUI
* N/1/PI=1,RN>=0/SUMWUI
* N/1/PI=1,RI>=0/CMAX
* N/1/PI=1,RI>=0/LMAX
* N/1/PI=1,RI>=0,CN<=DN/CMAX
* N/1/PI=1,RI>=0,CI<=DI/CMAX
* N/1/PI=1,RI>=0/SUMCI
* N/1/PI=1,RI>=0/SUMWICI
* N/1/PI=1,RI>=0,CN<=DN/SUMCI
* N/1/PI=1,RI>=0,CI<=DI/SUMCI
* N/1/PI=1,RI>=0,CN<=DN/SUMWICI
* N/1/PI=1,RI>=0,CI<=DI/SUMWICI
* N/1/PI=1,RI>=0/SUMTI
* N/1/PI=1,RI>=0/SUMWITI
* N/1/PI=1,RI>=0/SUMUI
* N/1/PI=1,RI>=0/SUMWUI
* N/1/PI<=P*/CMAX
* N/1/PI<=P*/LMAX
* N/1/PI<=P*,CN<=DN/CMAX
* N/1/PI<=P*,CI<=DI/CMAX
* N/1/PI<=P*/SUMCI
* N/1/PI<=P*/SUMWICI
* N/1/PI<=P*,CN<=DN/SUMCI
* N/1/PI<=P*,CI<=DI/SUMCI

```


* $N/1/PI \leq P^*, CN \leq DN / \text{SUMWICI}$
 ? $N/1/PI \leq P^*, CI \leq DI / \text{SUMWICI}$
 ? $N/1/PI \leq P^* / \text{SUMTI}$
 ? $N/1/PI \leq P^* / \text{SUMHITI}$
 * $N/1/PI \leq P^* / \text{SUMUI}$
 * $N/1/PI \leq P^* / \text{SUMWIUI}$
 * $N/1/PI \leq P^*, RN \geq 0 / \text{CMAX}$
 * $N/1/PI \leq P^*, RN \geq 0 / \text{LMAX}$
 * $N/1/PI \leq P^*, RN \geq 0, CN \leq DN / \text{CMAX}$
 * $N/1/PI \leq P^*, RN \geq 0, CI \leq DI / \text{CMAX}$
 * $N/1/PI \leq P^*, RN \geq 0 / \text{SUMCI}$
 * $N/1/PI \leq P^*, RN \geq 0 / \text{SUMWICI}$
 * $N/1/PI \leq P^*, RN \geq 0, CN \leq DN / \text{SUMCI}$
 ? $N/1/PI \leq P^*, RN \geq 0, CI \leq DI / \text{SUMCI}$
 * $N/1/PI \leq P^*, RN \geq 0, CN \leq DN / \text{SUMWICI}$
 ? $N/1/PI \leq P^*, RN \geq 0, CI \leq DI / \text{SUMWICI}$
 ? $N/1/PI \leq P^*, RN \geq 0 / \text{SUMTI}$
 ? $N/1/PI \leq P^*, RN \geq 0 / \text{SUMHITI}$
 * $N/1/PI \leq P^*, RN \geq 0 / \text{SUMUI}$
 * $N/1/PI \leq P^*, RN \geq 0 / \text{SUMWIUI}$
 * $N/1/PI \leq P^*, RI \geq 0 / \text{CMAX}$
 ? $N/1/PI \leq P^*, RI \geq 0 / \text{LMAX}$
 * $N/1/PI \leq P^*, RI \geq 0, CN \leq DN / \text{CMAX}$
 ? $N/1/PI \leq P^*, RI \geq 0, CI \leq DI / \text{CMAX}$
 ? $N/1/PI \leq P^*, RI \geq 0 / \text{SUMCI}$
 ? $N/1/PI \leq P^*, RI \geq 0 / \text{SUMWICI}$
 ? $N/1/PI \leq P^*, RI \geq 0, CN \leq DN / \text{SUMCI}$
 ? $N/1/PI \leq P^*, RI \geq 0, CI \leq DI / \text{SUMCI}$
 ? $N/1/PI \leq P^*, RI \geq 0, CN \leq DN / \text{SUMWICI}$
 ? $N/1/PI \leq P^*, RI \geq 0, CI \leq DI / \text{SUMWICI}$
 ? $N/1/PI \leq P^*, RI \geq 0 / \text{SUMTI}$
 ? $N/1/PI \leq P^*, RI \geq 0 / \text{SUMHITI}$
 ? $N/1/PI \leq P^*, RI \geq 0 / \text{SUMUI}$
 ? $N/1/PI \leq P^*, RI \geq 0 / \text{SUMWIUI}$
 * $N/1 // \text{CMAX}$
 * $N/1 // \text{LMAX}$
 * $N/1 / CN \leq DN / \text{CMAX}$
 * $N/1 / CI \leq DI / \text{CMAX}$
 * $N/1 // \text{SUMCI}$
 * $N/1 // \text{SUMWICI}$
 * $N/1 / CN \leq DN / \text{SUMCI}$
 * $N/1 / CI \leq DI / \text{SUMCI}$
 1 $N/1 / CN \leq DN / \text{SUMWICI}$
 1 $N/1 / CI \leq DI / \text{SUMWICI}$
 ? $N/1 // \text{SUMTI}$
 1 $N/1 // \text{SUMHITI}$
 * $N/1 // \text{SUMUI}$
 1 $N/1 // \text{SUMWIUI}$
 * $N/1 / RN \geq 0 / \text{CMAX}$
 1 $N/1 / RN \geq 0 / \text{LMAX}$


```

1 N/1/RN>=0,CN<=DN/CMAX
1 N/1/RN>=0,CI<=DI/CMAX
1 N/1/RN>=0/SUMCI
1 N/1/RN>=0/SUMWICI
1 N/1/RN>=0,CN<=DN/SUMCI
1 N/1/RN>=0,CI<=DI/SUMCI
1 N/1/RN>=0,CN<=DN/SUMWICI
1 N/1/RN>=0,CI<=DI/SUMWICI
1 N/1/RN>=0/SUMTI
1 N/1/RN>=0/SUMWITI
1 N/1/RN>=0/SUMUI
1 N/1/RN>=0/SUMWIUI
* N/1/RI>=0/CMAX
1 N/1/RI>=0/LMAX
1 N/1/RI>=0,CN<=DN/CMAX
1 N/1/RI>=0,CI<=DI/CMAX
1 N/1/RI>=0/SUMCI
1 N/1/RI>=0/SUMWICI
1 N/1/RI>=0,CN<=DN/SUMCI
1 N/1/RI>=0,CI<=DI/SUMCI
1 N/1/RI>=0,CN<=DN/SUMWICI
1 N/1/RI>=0,CI<=DI/SUMWICI
1 N/1/RI>=0/SUMTI
1 N/1/RI>=0/SUMWITI
1 N/1/RI>=0/SUMUI
1 N/1/RI>=0/SUMWIUI
* N/1/TREF,PI=1/CMAX
* N/1/TREF,PI=1/LMAX
* N/1/TREF,PI=1,CN<=DN/CMAX
* N/1/TREF,PI=1,CI<=DI/CMAX
* N/1/TREF,PI=1/SUMCI
* N/1/TREF,PI=1/SUMWICI
* N/1/TREF,PI=1,CN<=DN/SUMCI
* N/1/TREF,PI=1,CI<=DI/SUMCI
? N/1/TREF,PI=1,CN<=DN/SUMWICI
? N/1/TREF,PI=1,CI<=DI/SUMWICI
? N/1/TREF,PI=1/SUMTI
? N/1/TREF,PI=1/SUMWITI
? N/1/TREF,PI=1/SUMUI
? N/1/TREF,PI=1/SUMWIUI
* N/1/TREF,PI=1,RN>=0/CMAX
* N/1/TREF,PI=1,RN>=0/LMAX
* N/1/TREF,PI=1,RN>=0,CN<=DN/CMAX
* N/1/TREF,PI=1,RN>=0,CI<=DI/CMAX
* N/1/TREF,PI=1,RN>=0/SUMCI
? N/1/TREF,PI=1,RN>=0/SUMWICI
* N/1/TREF,PI=1,RN>=0,CN<=DN/SUMCI
* N/1/TREF,PI=1,RN>=0,CI<=DI/SUMCI
? N/1/TREF,PI=1,RN>=0,CN<=DN/SUMWICI
? N/1/TREF,PI=1,RN>=0,CI<=DI/SUMWICI

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? N/1/TREF, PI=1, RN>=0/SUMTI
 ? N/1/TREF, PI=1, RN>=0/SUMWITI
 ? N/1/TREF, PI=1, RN>=0/SUMUI
 ? N/1/TREF, PI=1, RN>=0/SUMWIUI
 * N/1/TREF, PI=1, RI>=0/CMAX
 * N/1/TREF, PI=1, RI>=0/LMAX
 * N/1/TREF, PI=1, RI>=0, CN<=DN/CMAX
 * N/1/TREF, PI=1, RI>=0, CI<=DI/CMAX
 * N/1/TREF, PI=1, RI>=0/SUMCI
 ? N/1/TREF, PI=1, RI>=0/SUMWICI
 * N/1/TREF, PI=1, RI>=0, CN<=DN/SUMCI
 * N/1/TREF, PI=1, RI>=0, CI<=DI/SUMCI
 ? N/1/TREF, PI=1, RI>=0, CN<=DN/SUMWICI
 ? N/1/TREF, PI=1, RI>=0, CI<=DI/SUMWICI
 ? N/1/TREF, PI=1, RI>=0/SUMTI
 ? N/1/TREF, PI=1, RI>=0/SUMWITI
 ! N/1/TREF, PI=1, RI>=0/SUMUI
 ! N/1/TREF, PI=1, RI>=0/SUMWIUI
 * N/1/TREF, PI<=P*/CMAX
 * N/1/TREF, PI<=P*/LMAX
 * N/1/TREF, PI<=P*, CN<=DN/CMAX
 * N/1/TREF, PI<=P*, CI<=DI/CMAX
 * N/1/TREF, PI<=P*/SUMCI
 * N/1/TREF, PI<=P*/SUMWICI
 ? N/1/TREF, PI<=P*, CN<=DN/SUMCI
 ? N/1/TREF, PI<=P*, CI<=DI/SUMCI
 ? N/1/TREF, PI<=P*, CN<=DN/SUMWICI
 ? N/1/TREF, PI<=P*, CI<=DI/SUMWICI
 ? N/1/TREF, PI<=P*/SUMTI
 ? N/1/TREF, PI<=P*/SUMWITI
 ? N/1/TREF, PI<=P*/SUMUI
 ? N/1/TREF, PI<=P*/SUMWIUI
 * N/1/TREF, PI<=P*, RN>=0/CMAX
 ? N/1/TREF, PI<=P*, RN>=0/LMAX
 ? N/1/TREF, PI<=P*, RN>=0, CN<=DN/CMAX
 ? N/1/TREF, PI<=P*, RN>=0, CI<=DI/CMAX
 ? N/1/TREF, PI<=P*, RN>=0/SUMCI
 ? N/1/TREF, PI<=P*, RN>=0/SUMWICI
 ? N/1/TREF, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/1/TREF, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/1/TREF, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/1/TREF, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/1/TREF, PI<=P*, RN>=0/SUMTI
 ? N/1/TREF, PI<=P*, RN>=0/SUMWITI
 ? N/1/TREF, PI<=P*, RN>=0/SUMUI
 ? N/1/TREF, PI<=P*, RN>=0/SUMWIUI
 * N/1/TREF, PI<=P*, RI>=0/CMAX
 ? N/1/TREF, PI<=P*, RI>=0/LMAX
 ? N/1/TREF, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/1/TREF, PI<=P*, RI>=0, CI<=DI/CMAX

? N/1/TREF, PI<=P*, RI>=0/SUMCI
 ? N/1/TREF, PI<=P*, RI>=0/SUMWICI
 ? N/1/TREF, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/1/TREF, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/1/TREF, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/1/TREF, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/1/TREF, PI<=P*, RI>=0/SUMTI
 ? N/1/TREF, PI<=P*, RI>=0/SUMWITI
 1 N/1/TREF, PI<=P*, RI>=0/SUMUI
 1 N/1/TREF, PI<=P*, RI>=0/SUMWUI
 * N/1/TREF/CMAX
 * N/1/TREF/LMAX
 * N/1/TREF, CN<=DN/CMAX
 * N/1/TREF, CI<=DI/CMAX
 * N/1/TREF/SUMCI
 * N/1/TREF/SUMWICI
 ? N/1/TREF, CN<=DN/SUMCI
 ? N/1/TREF, CI<=DI/SUMCI
 1 N/1/TREF, CN<=DN/SUMWICI
 1 N/1/TREF, CI<=DI/SUMWICI
 ? N/1/TREF/SUMTI
 1 N/1/TREF/SUMWITI
 ? N/1/TREF/SUMUI
 1 N/1/TREF/SUMWUI
 * N/1/TREF, RN>=0/CMAX
 1 N/1/TREF, RN>=0/LMAX
 1 N/1/TREF, RN>=0, CN<=DN/CMAX
 1 N/1/TREF, RN>=0, CI<=DI/CMAX
 1 N/1/TREF, RN>=0/SUMCI
 1 N/1/TREF, RN>=0/SUMWICI
 1 N/1/TREF, RN>=0, CN<=DN/SUMCI
 1 N/1/TREF, RN>=0, CI<=DI/SUMCI
 1 N/1/TREF, RN>=0, CN<=DN/SUMWICI
 1 N/1/TREF, RN>=0, CI<=DI/SUMWICI
 1 N/1/TREF, RN>=0/SUMTI
 1 N/1/TREF, RN>=0/SUMWITI
 1 N/1/TREF, RN>=0/SUMUI
 1 N/1/TREF, RN>=0/SUMWUI
 * N/1/TREF, RI>=0/CMAX
 1 N/1/TREF, RI>=0/LMAX
 1 N/1/TREF, RI>=0, CN<=DN/CMAX
 1 N/1/TREF, RI>=0, CI<=DI/CMAX
 1 N/1/TREF, RI>=0/SUMCI
 1 N/1/TREF, RI>=0/SUMWICI
 1 N/1/TREF, RI>=0, CN<=DN/SUMCI
 1 N/1/TREF, RI>=0, CI<=DI/SUMCI
 1 N/1/TREF, RI>=0, CN<=DN/SUMWICI
 1 N/1/TREF, RI>=0, CI<=DI/SUMWICI
 1 N/1/TREF, RI>=0/SUMTI
 1 N/1/TREF, RI>=0/SUMWITI


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1 N/1/TREF,RI>=0/SUMUI
1 N/1/TREF,RI>=0/SUMWIUI
* N/1/PREC,PI=1/CMAX
* N/1/PREC,PI=1/LMAX
* N/1/PREC,PI=1,CN<=DN/CMAX
* N/1/PREC,PI=1,CI<=DI/CMAX
* N/1/PREC,PI=1/SUMCI
1 N/1/PREC,PI=1/SUMWICI
* N/1/PREC,PI=1,CN<=DN/SUMCI
* N/1/PREC,PI=1,CI<=DI/SUMCI
1 N/1/PREC,PI=1,CN<=DN/SUMWICI
1 N/1/PREC,PI=1,CI<=DI/SUMWICI
1 N/1/PREC,PI=1/SUMTI
1 N/1/PREC,PI=1/SUMWITI
1 N/1/PREC,PI=1/SUMUI
1 N/1/PREC,PI=1/SUMWIUI
* N/1/PREC,PI=1,RN>=0/CMAX
* N/1/PREC,PI=1,RN>=0/LMAX
* N/1/PREC,PI=1,RN>=0,CN<=DN/CMAX
* N/1/PREC,PI=1,RN>=0,CI<=DI/CMAX
* N/1/PREC,PI=1,RN>=0/SUMCI
1 N/1/PREC,PI=1,RN>=0/SUMWICI
* N/1/PREC,PI=1,RN>=0,CN<=DN/SUMCI
* N/1/PREC,PI=1,RN>=0,CI<=DI/SUMCI
1 N/1/PREC,PI=1,RN>=0,CN<=DN/SUMWICI
1 N/1/PREC,PI=1,RN>=0,CI<=DI/SUMWICI
1 N/1/PREC,PI=1,RN>=0/SUMTI
1 N/1/PREC,PI=1,RN>=0/SUMWITI
1 N/1/PREC,PI=1,RN>=0/SUMUI
1 N/1/PREC,PI=1,RN>=0/SUMWIUI
* N/1/PREC,PI=1,RI>=0/CMAX
* N/1/PREC,PI=1,RI>=0/LMAX
* N/1/PREC,PI=1,RI>=0,CN<=DN/CMAX
* N/1/PREC,PI=1,RI>=0,CI<=DI/CMAX
* N/1/PREC,PI=1,RI>=0/SUMCI
1 N/1/PREC,PI=1,RI>=0/SUMWICI
* N/1/PREC,PI=1,RI>=0,CN<=DN/SUMCI
* N/1/PREC,PI=1,RI>=0,CI<=DI/SUMCI
1 N/1/PREC,PI=1,RI>=0,CN<=DN/SUMWICI
1 N/1/PREC,PI=1,RI>=0,CI<=DI/SUMWICI
1 N/1/PREC,PI=1,RI>=0/SUMTI
1 N/1/PREC,PI=1,RI>=0/SUMWITI
1 N/1/PREC,PI=1,RI>=0/SUMUI
1 N/1/PREC,PI=1,RI>=0/SUMWIUI
* N/1/PREC,PI<=P*/CMAX
* N/1/PREC,PI<=P*/LMAX
* N/1/PREC,PI<=P*,CN<=DN/CMAX
* N/1/PREC,PI<=P*,CI<=DI/CMAX
1 N/1/PREC,PI<=P*/SUMCI
1 N/1/PREC,PI<=P*/SUMWICI

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1 N/1/PREC, PI<=P*, CN<=DN/SUMCI
1 N/1/PREC, PI<=P*, CI<=DI/SUMCI
1 N/1/PREC, PI<=P*, CN<=DN/SUMWICI
1 N/1/PREC, PI<=P*, CI<=DI/SUMWICI
1 N/1/PREC, PI<=P*/SUMTI
1 N/1/PREC, PI<=P*/SUMWITI
1 N/1/PREC, PI<=P*/SUMUI
1 N/1/PREC, PI<=P*/SUMWIUI
↓
* N/1/PREC, PI<=P*, RN>=0/CMAX
? N/1/PREC, PI<=P*, RN>=0/LMAX
? N/1/PREC, PI<=P*, RN>=0, CN<=DN/CMAX
? N/1/PREC, PI<=P*, RN>=0, CI<=DI/CMAX
1 N/1/PREC, PI<=P*, RN>=0/SUMCI
1 N/1/PREC, PI<=P*, RN>=0/SUMWICI
1 N/1/PREC, PI<=P*, RN>=0, CN<=DN/SUMCI
1 N/1/PREC, PI<=P*, RN>=0, CI<=DI/SUMCI
1 N/1/PREC, PI<=P*, RN>=0, CN<=DN/SUMWICI
1 N/1/PREC, PI<=P*, RN>=0, CI<=DI/SUMWICI
1 N/1/PREC, PI<=P*, RN>=0/SUMTI
1 N/1/PREC, PI<=P*, RN>=0/SUMWITI
1 N/1/PREC, PI<=P*, RN>=0/SUMUI
1 N/1/PREC, PI<=P*, RN>=0/SUMWIUI
↓
* N/1/PREC, PI<=P*, RI>=0/CMAX
? N/1/PREC, PI<=P*, RI>=0/LMAX
? N/1/PREC, PI<=P*, RI>=0, CN<=DN/CMAX
? N/1/PREC, PI<=P*, RI>=0, CI<=DI/CMAX
1 N/1/PREC, PI<=P*, RI>=0/SUMCI
1 N/1/PREC, PI<=P*, RI>=0/SUMWICI
1 N/1/PREC, PI<=P*, RI>=0, CN<=DN/SUMCI
1 N/1/PREC, PI<=P*, RI>=0, CI<=DI/SUMCI
1 N/1/PREC, PI<=P*, RI>=0, CN<=DN/SUMWICI
1 N/1/PREC, PI<=P*, RI>=0, CI<=DI/SUMWICI
1 N/1/PREC, PI<=P*, RI>=0/SUMTI
1 N/1/PREC, PI<=P*, RI>=0/SUMWITI
1 N/1/PREC, PI<=P*, RI>=0/SUMUI
↓
1 N/1/PREC, PI<=P*, RI>=0/SUMWIUI
↓
* N/1/PREC/CMAX
* N/1/PREC/LMAX
* N/1/PREC, CN<=DN/CMAX
* N/1/PREC, CI<=DI/CMAX
1 N/1/PREC/SUMCI
1 N/1/PREC/SUMWICI
1 N/1/PREC, CN<=DN/SUMCI
1 N/1/PREC, CI<=DI/SUMCI
1 N/1/PREC, CN<=DN/SUMWICI
1 N/1/PREC, CI<=DI/SUMWICI
1 N/1/PREC/SUMTI
1 N/1/PREC/SUMWITI
1 N/1/PREC/SUMUI
1 N/1/PREC/SUMWIUI

```



```

* N/1/PREC, RN>=0/CMAX
1 N/1/PREC, RN>=0/LMAX
1 N/1/PREC, RN>=0, CN<=DN/CMAX
1 N/1/PREC, RN>=0, CI<=DI/CMAX
1 N/1/PREC, RN>=0/SUMCI
1 N/1/PREC, RN>=0/SUMWICI
1 N/1/PREC, RN>=0, CN<=DN/SUMCI
1 N/1/PREC, RN>=0, CI<=DI/SUMCI
1 N/1/PREC, RN>=0, CN<=DN/SUMWICI
1 N/1/PREC, RN>=0, CI<=DI/SUMWICI
1 N/1/PREC, RN>=0/SUMTI
1 N/1/PREC, RN>=0/SUMWITI
1 N/1/PREC, RN>=0/SUMUI
1 N/1/PREC, RN>=0/SUMWIUI
* N/1/PREC, RI>=0/CMAX
1 N/1/PREC, RI>=0/LMAX
1 N/1/PREC, RI>=0, CN<=DN/CMAX
1 N/1/PREC, RI>=0, CI<=DI/CMAX
1 N/1/PREC, RI>=0/SUMCI
1 N/1/PREC, RI>=0/SUMWICI
1 N/1/PREC, RI>=0, CN<=DN/SUMCI
1 N/1/PREC, RI>=0, CI<=DI/SUMCI
1 N/1/PREC, RI>=0, CN<=DN/SUMWICI
1 N/1/PREC, RI>=0, CI<=DI/SUMWICI
1 N/1/PREC, RI>=0/SUMTI
1 N/1/PREC, RI>=0/SUMWITI
1 N/1/PREC, RI>=0/SUMUI
1 N/1/PREC, RI>=0/SUMWIUI
* N/2/F, PI=1/CMAX
* N/2/F, PI=1/LMAX
* N/2/F, PI=1, CN<=DN/CMAX
* N/2/F, PI=1, CI<=DI/CMAX
* N/2/F, PI=1/SUMCI
* N/2/F, PI=1/SUMWICI
* N/2/F, PI=1, CN<=DN/SUMCI
* N/2/F, PI=1, CI<=DI/SUMCI
* N/2/F, PI=1, CN<=DN/SUMWICI
* N/2/F, PI=1, CI<=DI/SUMWICI
* N/2/F, PI=1/SUMTI
* N/2/F, PI=1/SUMWITI
* N/2/F, PI=1/SUMUI
* N/2/F, PI=1/SUMWIUI
* N/2/F, PI=1, RN>=0/CMAX
* N/2/F, PI=1, RN>=0/LMAX
* N/2/F, PI=1, RN>=0, CN<=DN/CMAX
* N/2/F, PI=1, RN>=0, CI<=DI/CMAX
* N/2/F, PI=1, RN>=0/SUMCI
* N/2/F, PI=1, RN>=0/SUMWICI
* N/2/F, PI=1, RN>=0, CN<=DN/SUMCI
* N/2/F, PI=1, RN>=0, CI<=DI/SUMCI

```



```

* N/2/F,PI=1,RN>=0,CN<=DN/SUMWICI
* N/2/F,PI=1,RN>=0,CI<=DI/SUMWICI
* N/2/F,PI=1,RN>=0/SUMTI
* N/2/F,PI=1,RN>=0/SUMWITI
* N/2/F,PI=1,RN>=0/SUMUI
* N/2/F,PI=1,RN>=0/SUMWIUI
* N/2/F,PI=1,RI>=0/CMAX
* N/2/F,PI=1,RI>=0/LMAX
* N/2/F,PI=1,RI>=0,CN<=DN/CMAX
* N/2/F,PI=1,RI>=0,CI<=DI/CMAX
* N/2/F,PI=1,RI>=0/SUMCI
* N/2/F,PI=1,RI>=0/SUMWICI
* N/2/F,PI=1,RI>=0,CN<=DN/SUMCI
* N/2/F,PI=1,RI>=0,CI<=DI/SUMCI
* N/2/F,PI=1,RI>=0,CN<=DN/SUMWICI
* N/2/F,PI=1,RI>=0,CI<=DI/SUMWICI
* N/2/F,PI=1,RI>=0/SUMTI
* N/2/F,PI=1,RI>=0/SUMWITI
* N/2/F,PI=1,RI>=0/SUMUI
* N/2/F,PI=1,RI>=0/SUMWIUI
* N/2/F,PI<=P*/CMAX
? N/2/F,PI<=P*/LMAX
? N/2/F,PI<=P*,CN<=DN/CMAX
? N/2/F,PI<=P*,CI<=DI/CMAX
? N/2/F,PI<=P*/SUMCI
? N/2/F,PI<=P*/SUMWICI
? N/2/F,PI<=P*,CN<=DN/SUMCI
? N/2/F,PI<=P*,CI<=DI/SUMCI
? N/2/F,PI<=P*,CN<=DN/SUMWICI
? N/2/F,PI<=P*,CI<=DI/SUMWICI
? N/2/F,PI<=P*/SUMTI
? N/2/F,PI<=P*/SUMWITI
? N/2/F,PI<=P*/SUMUI
? N/2/F,PI<=P*/SUMWIUI
? N/2/F,PI<=P*,RN>=0/CMAX
? N/2/F,PI<=P*,RN>=0/LMAX
? N/2/F,PI<=P*,RN>=0,CN<=DN/CMAX
? N/2/F,PI<=P*,RN>=0,CI<=DI/CMAX
? N/2/F,PI<=P*,RN>=0/SUMCI
? N/2/F,PI<=P*,RN>=0/SUMWICI
? N/2/F,PI<=P*,RN>=0,CN<=DN/SUMCI
? N/2/F,PI<=P*,RN>=0,CI<=DI/SUMCI
? N/2/F,PI<=P*,RN>=0,CN<=DN/SUMWICI
? N/2/F,PI<=P*,RN>=0,CI<=DI/SUMWICI
? N/2/F,PI<=P*,RN>=0/SUMTI
? N/2/F,PI<=P*,RN>=0/SUMWITI
? N/2/F,PI<=P*,RN>=0/SUMUI
? N/2/F,PI<=P*,RN>=0/SUMWIUI
? N/2/F,PI<=P*,RI>=0/CMAX
? N/2/F,PI<=P*,RI>=0/LMAX

```


? N/2/F,PI<=P*,RI>=0,CN<=DN/CMAX
 ? N/2/F,PI<=P*,RI>=0,CI<=DI/CMAX
 ? N/2/F,PI<=P*,RI>=0/SUMCI
 ? N/2/F,PI<=P*,RI>=0/SUMWICI
 ? N/2/F,PI<=P*,RI>=0,CN<=DN/SUMCI
 ? N/2/F,PI<=P*,RI>=0,CI<=DI/SUMCI
 ? N/2/F,PI<=P*,RI>=0,CN<=DN/SUMWICI
 ? N/2/F,PI<=P*,RI>=0,CI<=DI/SUMWICI
 ? N/2/F,PI<=P*,RI>=0/SUMTI
 ? N/2/F,PI<=P*,RI>=0/SUMWITI
 ? N/2/F,PI<=P*,RI>=0/SUMUI
 ? N/2/F,PI<=P*,RI>=0/SUMWIUI
 * N/2/F/CMAX
 1 N/2/F/LMAX
 1 N/2/F,CN<=DN/CMAX
 1 N/2/F,CI<=DI/CMAX
 1 N/2/F/SUMCI
 1 N/2/F/SUMWICI
 1 N/2/F,CN<=DN/SUMCI
 1 N/2/F,CI<=DI/SUMCI
 1 N/2/F,CN<=DN/SUMWICI
 1 N/2/F,CI<=DI/SUMWICI
 1 N/2/F/SUMTI
 1 N/2/F/SUMWITI
 1 N/2/F/SUMUI
 1 N/2/F/SUMWIUI
 1 N/2/F,RN>=0/CMAX
 1 N/2/F,RN>=0/LMAX
 1 N/2/F,RN>=0,CN<=DN/CMAX
 1 N/2/F,RN>=0,CI<=DI/CMAX
 1 N/2/F,RN>=0/SUMCI
 1 N/2/F,RN>=0/SUMWICI
 1 N/2/F,RN>=0,CN<=DN/SUMCI
 1 N/2/F,RN>=0,CI<=DI/SUMCI
 1 N/2/F,RN>=0,CN<=DN/SUMWICI
 1 N/2/F,RN>=0,CI<=DI/SUMWICI
 1 N/2/F,RN>=0/SUMTI
 1 N/2/F,RN>=0/SUMWITI
 1 N/2/F,RN>=0/SUMUI
 1 N/2/F,RN>=0/SUMWIUI
 1 N/2/F,RI>=0/CMAX
 1 N/2/F,RI>=0/LMAX
 1 N/2/F,RI>=0,CN<=DN/CMAX
 1 N/2/F,RI>=0,CI<=DI/CMAX
 1 N/2/F,RI>=0/SUMCI
 1 N/2/F,RI>=0/SUMWICI
 1 N/2/F,RI>=0,CN<=DN/SUMCI
 1 N/2/F,RI>=0,CI<=DI/SUMCI
 1 N/2/F,RI>=0,CN<=DN/SUMWICI
 1 N/2/F,RI>=0,CI<=DI/SUMWICI


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1 N/2/F, RI>=0/SUMTI
1 N/2/F, RI>=0/SUMWITI
1 N/2/F, RI>=0/SUMUI
1 N/2/F, RI>=0/SUMWIUI
* N/2/F, TREE, PI=1/CMAX
? N/2/F, TREE, PI=1/LMAX
? N/2/F, TREE, PI=1, CN<=DN/CMAX
? N/2/F, TREE, PI=1, CI<=DI/CMAX
? N/2/F, TREE, PI=1/SUMCI
? N/2/F, TREE, PI=1/SUMWICI
? N/2/F, TREE, PI=1, CN<=DN/SUMCI
? N/2/F, TREE, PI=1, CI<=DI/SUMCI
? N/2/F, TREE, PI=1, CN<=DN/SUMWICI
? N/2/F, TREE, PI=1, CI<=DI/SUMWICI
? N/2/F, TREE, PI=1/SUMTI
? N/2/F, TREE, PI=1/SUMWITI
? N/2/F, TREE, PI=1/SUMUI
? N/2/F, TREE, PI=1/SUMWIUI
? N/2/F, TREE, PI=1, RN>=0/CMAX
? N/2/F, TREE, PI=1, RN>=0/LMAX
? N/2/F, TREE, PI=1, RN>=0, CN<=DN/CMAX
? N/2/F, TREE, PI=1, RN>=0, CI<=DI/CMAX
? N/2/F, TREE, PI=1, RN>=0/SUMCI
? N/2/F, TREE, PI=1, RN>=0/SUMWICI
? N/2/F, TREE, PI=1, RN>=0, CN<=DN/SUMCI
? N/2/F, TREE, PI=1, RN>=0, CI<=DI/SUMCI
? N/2/F, TREE, PI=1, RN>=0, CN<=DN/SUMWICI
? N/2/F, TREE, PI=1, RN>=0, CI<=DI/SUMWICI
? N/2/F, TREE, PI=1, RN>=0/SUMTI
? N/2/F, TREE, PI=1, RN>=0/SUMWITI
? N/2/F, TREE, PI=1, RN>=0/SUMUI
? N/2/F, TREE, PI=1, RN>=0/SUMWIUI
? N/2/F, TREE, PI=1, RI>=0/CMAX
? N/2/F, TREE, PI=1, RI>=0/LMAX
? N/2/F, TREE, PI=1, RI>=0, CN<=DN/CMAX
? N/2/F, TREE, PI=1, RI>=0, CI<=DI/CMAX
? N/2/F, TREE, PI=1, RI>=0/SUMCI
? N/2/F, TREE, PI=1, RI>=0/SUMWICI
? N/2/F, TREE, PI=1, RI>=0, CN<=DN/SUMCI
? N/2/F, TREE, PI=1, RI>=0, CI<=DI/SUMCI
? N/2/F, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
? N/2/F, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
? N/2/F, TREE, PI=1, RI>=0/SUMTI
? N/2/F, TREE, PI=1, RI>=0/SUMWITI
1 N/2/F, TREE, PI=1, RI>=0/SUMUI
1 N/2/F, TREE, PI=1, RI>=0/SUMWIUI
? N/2/F, TREE, PI<=P*/CMAX
? N/2/F, TREE, PI<=P*/LMAX
? N/2/F, TREE, PI<=P*, CN<=DN/CMAX
? N/2/F, TREE, PI<=P*, CI<=DI/CMAX

```


? N/2/F, TREE, PI<=P*/SUMCI
 ? N/2/F, TREE, PI<=P*/SUMWICI
 ? N/2/F, TREE, PI<=P*, CN<=DN/SUMCI
 ? N/2/F, TREE, PI<=P*, CI<=DI/SUMCI
 ? N/2/F, TREE, PI<=P*, CN<=DN/SUMWICI
 ? N/2/F, TREE, PI<=P*, CI<=DI/SUMWICI
 ? N/2/F, TREE, PI<=P*/SUMTI
 ? N/2/F, TREE, PI<=P*/SUMWITI
 ? N/2/F, TREE, PI<=P*/SUMUI
 ? N/2/F, TREE, PI<=P*/SUMWIUI
 ? N/2/F, TREE, PI<=P*, RN>=0/C MAX
 ? N/2/F, TREE, PI<=P*, RN>=0/L MAX
 ? N/2/F, TREE, PI<=P*, RN>=0, CN<=DN/C MAX
 ? N/2/F, TREE, PI<=P*, RN>=0, CI<=DI/C MAX
 ? N/2/F, TREE, PI<=P*, RN>=0/SUMCI
 ? N/2/F, TREE, PI<=P*, RN>=0/SUMWICI
 ? N/2/F, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/2/F, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/2/F, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/2/F, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/2/F, TREE, PI<=P*, RN>=0/SJMTI
 ? N/2/F, TREE, PI<=P*, RN>=0/SJMWITI
 ? N/2/F, TREE, PI<=P*, RN>=0/SJMUI
 ? N/2/F, TREE, PI<=P*, RN>=0/SJMWIUI
 ? N/2/F, TREE, PI<=P*, RI>=0/C MAX
 ? N/2/F, TREE, PI<=P*, RI>=0/L MAX
 ? N/2/F, TREE, PI<=P*, RI>=0, CN<=DN/C MAX
 ? N/2/F, TREE, PI<=P*, RI>=0, CI<=DI/C MAX
 ? N/2/F, TREE, PI<=P*, RI>=0/SUMCI
 ? N/2/F, TREE, PI<=P*, RI>=0/SUMWICI
 ? N/2/F, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/2/F, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/2/F, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/2/F, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/2/F, TREE, PI<=P*, RI>=0/SJMTI
 ? N/2/F, TREE, PI<=P*, RI>=0/SJMWITI
 1 N/2/F, TREE, PI<=P*, RI>=0/SJMUI
 1 N/2/F, TREE, PI<=P*, RI>=0/SJMWIUI
 1 N/2/F, TREE/C MAX
 1 N/2/F, TREE/L MAX
 1 N/2/F, TREE, CN<=DN/C MAX
 1 N/2/F, TREE, CI<=DI/C MAX
 1 N/2/F, TREE/SUMCI
 1 N/2/F, TREE/SUMWICI
 1 N/2/F, TREE, CN<=DN/SUMCI
 1 N/2/F, TREE, CI<=DI/SUMCI
 1 N/2/F, TREE, CN<=DN/SUMWICI
 1 N/2/F, TREE, CI<=DI/SUMWICI
 1 N/2/F, TREE/SUMTI
 1 N/2/F, TREE/SUMWITI


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1 N/2/F, TREE/SUMUI
1 N/2/F, TREE/SUMWIUI
1 N/2/F, TREE, RN>=0/CMAX
1 N/2/F, TREE, RN>=0/LMAX
1 N/2/F, TREE, RN>=0, CN<=DN/CMAX
1 N/2/F, TREE, RN>=0, CI<=DI/CMAX
1 N/2/F, TREE, RN>=0/SUMCI
1 N/2/F, TREE, RN>=0/SUMWICI
1 N/2/F, TREE, RN>=0, CN<=DN/SUMCI
1 N/2/F, TREE, RN>=0, CI<=DI/SUMCI
1 N/2/F, TREE, RN>=0, CN<=DN/SUMWICI
1 N/2/F, TREE, RN>=0, CI<=DI/SUMWICI
1 N/2/F, TREE, RN>=0/SUMTI
1 N/2/F, TREE, RN>=0/SUMWITI
1 N/2/F, TREE, RN>=0/SUMUI
1 N/2/F, TREE, RN>=0/SUMWIUI
1 N/2/F, TREE, RI>=0/CMAX
1 N/2/F, TREE, RI>=0/LMAX
1 N/2/F, TREE, RI>=0, CN<=DN/CMAX
1 N/2/F, TREE, RI>=0, CI<=DI/CMAX
1 N/2/F, TREE, RI>=0/SUMCI
1 N/2/F, TREE, RI>=0/SUMWICI
1 N/2/F, TREE, RI>=0, CN<=DN/SUMCI
1 N/2/F, TREE, RI>=0, CI<=DI/SUMCI
1 N/2/F, TREE, RI>=0, CN<=DN/SUMWICI
1 N/2/F, TREE, RI>=0, CI<=DI/SUMWICI
1 N/2/F, TREE, RI>=0/SUMTI
1 N/2/F, TREE, RI>=0/SUMWITI
1 N/2/F, TREE, RI>=0/SUMUI
1 N/2/F, TREE, RI>=0/SUMWIUI
? N/2/F, PREC, PI=1/CMAX
? N/2/F, PREC, PI=1/LMAX
? N/2/F, PREC, PI=1, CN<=DN/CMAX
? N/2/F, PREC, PI=1, CI<=DI/CMAX
? N/2/F, PREC, PI=1/SUMCI
1 N/2/F, PREC, PI=1/SUMWICI
? N/2/F, PREC, PI=1, CN<=DN/SUMCI
? N/2/F, PREC, PI=1, CI<=DI/SUMCI
1 N/2/F, PREC, PI=1, CN<=DN/SUMWICI
1 N/2/F, PREC, PI=1, CI<=DI/SUMWICI
1 N/2/F, PREC, PI=1/SUMTI
1 N/2/F, PREC, PI=1/SUMWITI
1 N/2/F, PREC, PI=1/SUMUI
1 N/2/F, PREC, PI=1/SUMWIUI
? N/2/F, PREC, PI=1, RN>=0/CMAX
? N/2/F, PREC, PI=1, RN>=0/LMAX
? N/2/F, PREC, PI=1, RN>=0, CN<=DN/CMAX
? N/2/F, PREC, PI=1, RN>=0, CI<=DI/CMAX
? N/2/F, PREC, PI=1, RN>=0/SUMCI
1 N/2/F, PREC, PI=1, RN>=0/SUMWICI

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? N/2/F,PREC,PI=1,RN>=0,CN<=DN/SUMCI
 ? N/2/F,PREC,PI=1,RN>=0,CI<=DI/SUMCI
 1 N/2/F,PREC,PI=1,RN>=0,CN<=DN/SUMWICI
 1 N/2/F,PREC,PI=1,RN>=0,CI<=DI/SUMWICI
 1 N/2/F,PREC,PI=1,RN>=0/SUMTI
 1 N/2/F,PREC,PI=1,RN>=0/SUMWITI
 1 N/2/F,PREC,PI=1,RN>=0/SUMUI
 1 N/2/F,PREC,PI=1,RN>=0/SUMWIUI
 ? N/2/F,PREC,PI=1,RI>=0/CMAX
 ? N/2/F,PREC,PI=1,RI>=0/LMAX
 ? N/2/F,PREC,PI=1,RI>=0,CN<=DN/CMAX
 ? N/2/F,PREC,PI=1,RI>=0,CI<=DI/CMAX
 ? N/2/F,PREC,PI=1,RI>=0/SUMCI
 1 N/2/F,PREC,PI=1,RI>=0/SUMWICI
 ? N/2/F,PREC,PI=1,RI>=0,CN<=DN/SUMCI
 ? N/2/F,PREC,PI=1,RI>=0,CI<=DI/SUMCI
 1 N/2/F,PREC,PI=1,RI>=0,CN<=DN/SUMWICI
 1 N/2/F,PREC,PI=1,RI>=0,CI<=DI/SUMWICI
 1 N/2/F,PREC,PI=1,RI>=0/SUMTI
 1 N/2/F,PREC,PI=1,RI>=0/SUMWITI
 1 N/2/F,PREC,PI=1,RI>=0/SUMUI
 1 N/2/F,PREC,PI=1,RI>=0/SUMWIUI
 ? N/2/F,PREC,PI<=P*/CMAX
 ? N/2/F,PREC,PI<=P*/LMAX
 ? N/2/F,PREC,PI<=P*,CN<=DN/CMAX
 ? N/2/F,PREC,PI<=P*,CI<=DI/CMAX
 1 N/2/F,PREC,PI<=P*/SUMCI
 1 N/2/F,PREC,PI<=P*/SUMWICI
 1 N/2/F,PREC,PI<=P*,CN<=DN/SUMCI
 1 N/2/F,PREC,PI<=P*,CI<=DI/SUMCI
 1 N/2/F,PREC,PI<=P*,CN<=DN/SUMWICI
 1 N/2/F,PREC,PI<=P*,CI<=DI/SUMWICI
 1 N/2/F,PREC,PI<=P*/SUMTI
 1 N/2/F,PREC,PI<=P*/SUMWITI
 1 N/2/F,PREC,PI<=P*/SUMUI
 1 N/2/F,PREC,PI<=P*/SUMWIUI
 ? N/2/F,PREC,PI<=P*,RN>=0/CMAX
 ? N/2/F,PREC,PI<=P*,RN>=0/LMAX
 ? N/2/F,PREC,PI<=P*,RN>=0,CN<=DN/CMAX
 ? N/2/F,PREC,PI<=P*,RN>=0,CI<=DI/CMAX
 1 N/2/F,PREC,PI<=P*,RN>=0/SUMCI
 1 N/2/F,PREC,PI<=P*,RN>=0/SUMWICI
 1 N/2/F,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
 1 N/2/F,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI
 1 N/2/F,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
 1 N/2/F,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
 1 N/2/F,PREC,PI<=P*,RN>=0/SUMTI
 1 N/2/F,PREC,PI<=P*,RN>=0/SUMWITI
 1 N/2/F,PREC,PI<=P*,RN>=0/SUMUI
 1 N/2/F,PREC,PI<=P*,RN>=0/SUMWIUI

? N/2/F,PREC,PI<=P*,RI>=0/CMAX
 ? N/2/F,PREC,PI<=P*,RI>=0/LMAX
 ? N/2/F,PREC,PI<=P*,RI>=0,CN<=DN/CMAX
 ? N/2/F,PREC,PI<=P*,RI>=0,CI<=DI/CMAX
 1 N/2/F,PREC,PI<=P*,RI>=0/SUMCI
 1 N/2/F,PREC,PI<=P*,RI>=0/SUMWICI
 1 N/2/F,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
 1 N/2/F,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
 1 N/2/F,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
 1 N/2/F,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
 1 N/2/F,PREC,PI<=P*,RI>=0/SUMTI
 1 N/2/F,PREC,PI<=P*,RI>=0/SUMWITI
 1 N/2/F,PREC,PI<=P*,RI>=0/SUMUI
 1 N/2/F,PREC,PI<=P*,RI>=0/SUMWIUI
 1 N/2/F,PREC/CMAX
 1 N/2/F,PREC/LMAX
 1 N/2/F,PREC,CN<=DN/CMAX
 1 N/2/F,PREC,CI<=DI/CMAX
 1 N/2/F,PREC/SUMCI
 1 N/2/F,PREC/SUMWICI
 1 N/2/F,PREC,CN<=DN/SUMCI
 1 N/2/F,PREC,CI<=DI/SUMCI
 1 N/2/F,PREC,CN<=DN/SUMWICI
 1 N/2/F,PREC,CI<=DI/SUMWICI
 1 N/2/F,PREC/SUMTI
 1 N/2/F,PREC/SUMWITI
 1 N/2/F,PREC/SUMUI
 1 N/2/F,PREC/SUMWIUI
 1 N/2/F,PREC,RN>=0/CMAX
 1 N/2/F,PREC,RN>=0/LMAX
 1 N/2/F,PREC,RN>=0,CN<=DN/CMAX
 1 N/2/F,PREC,RN>=0,CI<=DI/CMAX
 1 N/2/F,PREC,RN>=0/SUMCI
 1 N/2/F,PREC,RN>=0/SUMWICI
 1 N/2/F,PREC,RN>=0,CN<=DN/SUMCI
 1 N/2/F,PREC,RN>=0,CI<=DI/SUMCI
 1 N/2/F,PREC,RN>=0,CN<=DN/SUMWICI
 1 N/2/F,PREC,RN>=0,CI<=DI/SUMWICI
 1 N/2/F,PREC,RN>=0/SUMTI
 1 N/2/F,PREC,RN>=0/SUMWITI
 1 N/2/F,PREC,RN>=0/SUMUI
 1 N/2/F,PREC,RN>=0/SUMWIUI
 1 N/2/F,PREC,RI>=0/CMAX
 1 N/2/F,PREC,RI>=0/LMAX
 1 N/2/F,PREC,RI>=0,CN<=DN/CMAX
 1 N/2/F,PREC,RI>=0,CI<=DI/CMAX
 1 N/2/F,PREC,RI>=0/SUMCI
 1 N/2/F,PREC,RI>=0/SUMWICI
 1 N/2/F,PREC,RI>=0,CN<=DN/SUMCI
 1 N/2/F,PREC,RI>=0,CI<=DI/SUMCI


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1 N/2/F,PREC,RI>=0,CN<=DN/SUMWICI
1 N/2/F,PREC,RI>=0,CI<=DI/SUMWICI
1 N/2/F,PREC,RI>=0/SUMTI
1 N/2/F,PREC,RI>=0/SUMWITI
1 N/2/F,PREC,RI>=0/SUMUI
1 N/2/F,PREC,RI>=0/SUMWIUI
* N/M/F,PI=1/CMAX
* N/M/F,PI=1/LMAX
* N/M/F,PI=1,CN<=DN/CMAX
* N/M/F,PI=1,CI<=DI/CMAX
* N/M/F,PI=1/SUMCI
* N/M/F,PI=1/SUMWICI
* N/M/F,PI=1,CN<=DN/SUMCI
* N/M/F,PI=1,CI<=DI/SUMCI
* N/M/F,PI=1,CN<=DN/SUMWICI
* N/M/F,PI=1,CI<=DI/SUMWICI
* N/M/F,PI=1/SUMTI
* N/M/F,PI=1/SUMWITI
* N/M/F,PI=1/SUMUI
* N/M/F,PI=1/SUMWIUI
* N/M/F,PI=1,RI>=0/CMAX
* N/M/F,PI=1,RI>=0/LMAX
* N/M/F,PI=1,RI>=0,CN<=DN/CMAX
* N/M/F,PI=1,RI>=0,CI<=DI/CMAX
* N/M/F,PI=1,RI>=0/SUMCI
* N/M/F,PI=1,RI>=0/SUMWICI
* N/M/F,PI=1,RI>=0,CN<=DN/SUMCI
* N/M/F,PI=1,RI>=0,CI<=DI/SUMCI
* N/M/F,PI=1,RI>=0,CN<=DN/SUMWICI
* N/M/F,PI=1,RI>=0,CI<=DI/SUMWICI
* N/M/F,PI=1,RI>=0/SUMTI
* N/M/F,PI=1,RI>=0/SUMWITI
* N/M/F,PI=1,RI>=0/SUMUI
* N/M/F,PI=1,RI>=0/SUMWIUI
* N/M/F,PI=1,RI>=0/CMAX
* N/M/F,PI=1,RI>=0/LMAX
* N/M/F,PI=1,RI>=0,CN<=DN/CMAX
* N/M/F,PI=1,RI>=0,CI<=DI/CMAX
* N/M/F,PI=1,RI>=0/SUMCI
* N/M/F,PI=1,RI>=0/SUMWICI
* N/M/F,PI=1,RI>=0,CN<=DN/SUMCI
* N/M/F,PI=1,RI>=0,CI<=DI/SUMCI
* N/M/F,PI=1,RI>=0,CN<=DN/SUMWICI
* N/M/F,PI=1,RI>=0,CI<=DI/SUMWICI
* N/M/F,PI=1,RI>=0/SUMTI
* N/M/F,PI=1,RI>=0/SUMWITI
* N/M/F,PI=1,RI>=0/SUMUI
* N/M/F,PI=1,RI>=0/SUMWIUI
? N/M/F,PI<=P*/CMAX
? N/M/F,PI<=P*/LMAX

```


? N/M/F, PI<=P*, CN<=DN/CMAX
 ? N/M/F, PI<=P*, CI<=DI/CMAX
 ? N/M/F, PI<=P*/SUMCI
 ? N/M/F, PI<=P*/SUMWICI
 ? N/M/F, PI<=P*, CN<=DN/SUMCI
 ? N/M/F, PI<=P*, CI<=DI/SUMCI
 ? N/M/F, PI<=P*, CN<=DN/SUMWICI
 ? N/M/F, PI<=P*, CI<=DI/SUMWICI
 ? N/M/F, PI<=P*/SUMTI
 ? N/M/F, PI<=P*/SUMWITI
 ? N/M/F, PI<=P*/SUMUI
 ? N/M/F, PI<=P*/SUMWIUI
 ? N/M/F, PI<=P*, RN>=0/CMAX
 ? N/M/F, PI<=P*, RN>=0/LMAX
 ? N/M/F, PI<=P*, RN>=0, CN<=DN/CMAX
 ? N/M/F, PI<=P*, RN>=0, CI<=DI/CMAX
 ? N/M/F, PI<=P*, RN>=0/SUMCI
 ? N/M/F, PI<=P*, RN>=0/SUMWICI
 ? N/M/F, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/M/F, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/M/F, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/M/F, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/M/F, PI<=P*, RN>=0/SUMTI
 ? N/M/F, PI<=P*, RN>=0/SUMWITI
 ? N/M/F, PI<=P*, RN>=0/SUMUI
 ? N/M/F, PI<=P*, RN>=0/SUMWIUI
 ? N/M/F, PI<=P*, RI>=0/CMAX
 ? N/M/F, PI<=P*, RI>=0/LMAX
 ? N/M/F, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/M/F, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/M/F, PI<=P*, RI>=0/SUMCI
 ? N/M/F, PI<=P*, RI>=0/SUMWICI
 ? N/M/F, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/M/F, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/M/F, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/M/F, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/M/F, PI<=P*, RI>=0/SUMTI
 ? N/M/F, PI<=P*, RI>=0/SUMWITI
 ? N/M/F, PI<=P*, RI>=0/SUMUI
 ? N/M/F, PI<=P*, RI>=0/SUMWIUI
 1 N/M/F/CMAX
 1 N/M/F/LMAX
 1 N/M/F, CN<=DN/CMAX
 1 N/M/F, CI<=DI/CMAX
 1 N/M/F/SUMCI
 1 N/M/F/SUMWICI
 1 N/M/F, CN<=DN/SUMCI
 1 N/M/F, CI<=DI/SUMCI
 1 N/M/F, CN<=DN/SUMWICI
 1 N/M/F, CI<=DI/SUMWICI


```

1 N/M/F/SUMTI
1 N/M/F/SUMWITI
1 N/M/F/SUMUI
1 N/M/F/SUMWIUI
1 N/M/F,RN>=0/CMAX
1 N/M/F,RN>=0/LMAX
1 N/M/F,RN>=0,CN<=DN/CMAX
1 N/M/F,RN>=0,CI<=DI/CMAX
1 N/M/F,RN>=0/SUMCI
1 N/M/F,RN>=0/SUMWICI
1 N/M/F,RN>=0,CN<=DN/SUMCI
1 N/M/F,RN>=0,CI<=DI/SUMCI
1 N/M/F,RN>=0,CN<=DN/SUMWICI
1 N/M/F,RN>=0,CI<=DI/SUMWICI
1 N/M/F,RN>=0/SUMTI
1 N/M/F,RN>=0/SUMWITI
1 N/M/F,RN>=0/SUMUI
1 N/M/F,RN>=0/SUMWIUI
1 N/M/F,RI>=0/CMAX
1 N/M/F,RI>=0/LMAX
1 N/M/F,RI>=0,CN<=DN/CMAX
1 N/M/F,RI>=0,CI<=DI/CMAX
1 N/M/F,RI>=0/SUMCI
1 N/M/F,RI>=0/SUMWICI
1 N/M/F,RI>=0,CN<=DN/SUMCI
1 N/M/F,RI>=0,CI<=DI/SUMCI
1 N/M/F,RI>=0,CN<=DN/SUMWICI
1 N/M/F,RI>=0,CI<=DI/SUMWICI
1 N/M/F,RI>=0/SUMTI
1 N/M/F,RI>=0/SUMWITI
1 N/M/F,RI>=0/SUMUI
1 N/M/F,RI>=0/SUMWIUI
? N/M/F,TREE,PI=1/CMAX
? N/M/F,TREE,PI=1/LMAX
? N/M/F,TREE,PI=1,CN<=DN/CMAX
? N/M/F,TREE,PI=1,CI<=DI/CMAX
? N/M/F,TREE,PI=1/SUMCI
? N/M/F,TREE,PI=1/SUMWICI
? N/M/F,TREE,PI=1,CN<=DN/SUMCI
? N/M/F,TREE,PI=1,CI<=DI/SUMCI
? N/M/F,TREE,PI=1,CN<=DN/SUMWICI
? N/M/F,TREE,PI=1,CI<=DI/SUMWICI
? N/M/F,TREE,PI=1/SUMTI
? N/M/F,TREE,PI=1/SUMWITI
? N/M/F,TREE,PI=1/SUMUI
? N/M/F,TREE,PI=1/SUMWIUI
? N/M/F,TREE,PI=1,RN>=0/CMAX
? N/M/F,TREE,PI=1,RN>=0/LMAX
? N/M/F,TREE,PI=1,RN>=0,CN<=DN/CMAX
? N/M/F,TREE,PI=1,RN>=0,CI<=DI/CMAX

```


? N/M/F, TREE, PI=1, RN>=0/SUMCI
 ? N/M/F, TREE, PI=1, RN>=0/SUMWICI
 ? N/M/F, TREE, PI=1, RN>=0, CN<=DN/SUMCI
 ? N/M/F, TREE, PI=1, RN>=0, CI<=DI/SUMCI
 ? N/M/F, TREE, PI=1, RN>=0, CN<=DN/SUMWICI
 ? N/M/F, TREE, PI=1, RN>=0, CI<=DI/SUMWICI
 ? N/M/F, TREE, PI=1, RN>=0/SUMTI
 ? N/M/F, TREE, PI=1, RN>=0/SUMWITI
 ? N/M/F, TREE, PI=1, RN>=0/SUMUI
 ? N/M/F, TREE, PI=1, RN>=0/SUMWUI
 ? N/M/F, TREE, PI=1, RI>=0/CMAX
 ? N/M/F, TREE, PI=1, RI>=0/LMAX
 ? N/M/F, TREE, PI=1, RI>=0, CN<=DN/CMAX
 ? N/M/F, TREE, PI=1, RI>=0, CI<=DI/CMAX
 ? N/M/F, TREE, PI=1, RI>=0/SUMCI
 ? N/M/F, TREE, PI=1, RI>=0/SUMWICI
 ? N/M/F, TREE, PI=1, RI>=0, CN<=DN/SUMCI
 ? N/M/F, TREE, PI=1, RI>=0, CI<=DI/SUMCI
 ? N/M/F, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
 ? N/M/F, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
 ? N/M/F, TREE, PI=1, RI>=0/SUMTI
 ? N/M/F, TREE, PI=1, RI>=0/SUMWITI
 ? N/M/F, TREE, PI=1, RI>=0/SUMUI
 ? N/M/F, TREE, PI=1, RI>=0/SUMWUI
 ? N/M/F, TREE, PI<=P*/CMAX
 ? N/M/F, TREE, PI<=P*/LMAX
 ? N/M/F, TREE, PI<=P*, CN<=DN/CMAX
 ? N/M/F, TREE, PI<=P*, CI<=DI/CMAX
 ? N/M/F, TREE, PI<=P*/SUMCI
 ? N/M/F, TREE, PI<=P*/SUMWICI
 ? N/M/F, TREE, PI<=P*, CN<=DN/SUMCI
 ? N/M/F, TREE, PI<=P*, CI<=DI/SUMCI
 ? N/M/F, TREE, PI<=P*, CN<=DN/SUMWICI
 ? N/M/F, TREE, PI<=P*, CI<=DI/SUMWICI
 ? N/M/F, TREE, PI<=P*/SUMTI
 ? N/M/F, TREE, PI<=P*/SUMWITI
 ? N/M/F, TREE, PI<=P*/SUMUI
 ? N/M/F, TREE, PI<=P*/SUMWUI
 ? N/M/F, TREE, PI<=P*, RN>=0/CMAX
 ? N/M/F, TREE, PI<=P*, RN>=0/LMAX
 ? N/M/F, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
 ? N/M/F, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
 ? N/M/F, TREE, PI<=P*, RN>=0/SUMCI
 ? N/M/F, TREE, PI<=P*, RN>=0/SUMWICI
 ? N/M/F, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/M/F, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/M/F, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/M/F, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/M/F, TREE, PI<=P*, RN>=0/SUMTI
 ? N/M/F, TREE, PI<=P*, RN>=0/SUMWITI

? N/M/F, TREE, PI<=P*, RN>=0/SUMUI
 ? N/M/F, TREE, PI<=P*, RN>=0/SUMWUI
 ? N/M/F, TREE, PI<=P*, RI>=0/CMAX
 ? N/M/F, TREE, PI<=P*, RI>=0/LMAX
 ? N/M/F, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/M/F, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/M/F, TREE, PI<=P*, RI>=0/SUMCI
 ? N/M/F, TREE, PI<=P*, RI>=0/SUMWICI
 ? N/M/F, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/M/F, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/M/F, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/M/F, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/M/F, TREE, PI<=P*, RI>=0/SUMTI
 ? N/M/F, TREE, PI<=P*, RI>=0/SUMWITI
 1 N/M/F, TREE, PI<=P*, RI>=0/SUMUI
 1 N/M/F, TREE, PI<=P*, RI>=0/SUMWUI
 1 N/M/F, TREE/CMAX
 1 N/M/F, TREE/LMAX
 1 N/M/F, TREE, CN<=DN/CMAX
 1 N/M/F, TREE, CI<=DI/CMAX
 1 N/M/F, TREE/SUMCI
 1 N/M/F, TREE/SUMWICI
 1 N/M/F, TREE, CN<=DN/SUMCI
 1 N/M/F, TREE, CI<=DI/SUMCI
 1 N/M/F, TREE, CN<=DN/SUMWICI
 1 N/M/F, TREE, CI<=DI/SUMWICI
 1 N/M/F, TREE/SUMTI
 1 N/M/F, TREE/SUMWITI
 1 N/M/F, TREE/SUMUI
 1 N/M/F, TREE/SUMWUI
 1 N/M/F, TREE, RN>=0/CMAX
 1 N/M/F, TREE, RN>=0/LMAX
 1 N/M/F, TREE, RN>=0, CN<=DN/CMAX
 1 N/M/F, TREE, RN>=0, CI<=DI/CMAX
 1 N/M/F, TREE, RN>=0/SUMCI
 1 N/M/F, TREE, RN>=0/SUMWICI
 1 N/M/F, TREE, RN>=0, CN<=DN/SUMCI
 1 N/M/F, TREE, RN>=0, CI<=DI/SUMCI
 1 N/M/F, TREE, RN>=0, CN<=DN/SUMWICI
 1 N/M/F, TREE, RN>=0, CI<=DI/SUMWICI
 1 N/M/F, TREE, RN>=0/SUMTI
 1 N/M/F, TREE, RN>=0/SUMWITI
 1 N/M/F, TREE, RN>=0/SUMUI
 1 N/M/F, TREE, RN>=0/SUMWUI
 1 N/M/F, TREE, RI>=0/CMAX
 1 N/M/F, TREE, RI>=0/LMAX
 1 N/M/F, TREE, RI>=0, CN<=DN/CMAX
 1 N/M/F, TREE, RI>=0, CI<=DI/CMAX
 1 N/M/F, TREE, RI>=0/SUMCI
 1 N/M/F, TREE, RI>=0/SUMWICI


```

1 N/M/F, TREE, RI>=0, CN<=DN/SUMCI
1 N/M/F, TREE, RI>=0, CI<=DI/SUMCI
1 N/M/F, TREE, RI>=0, CN<=DN/SUMWICI
1 N/M/F, TREE, RI>=0, CI<=DI/SUMWICI
1 N/M/F, TREE, RI>=0/SUMTI
1 N/M/F, TREE, RI>=0/SUMWITI
1 N/M/F, TREE, RI>=0/SUMUI
1 N/M/F, TREE, RI>=0/SUMWIUI
? N/M/F, PREC, PI=1/CMAX
? N/M/F, PREC, PI=1/LMAX
? N/M/F, PREC, PI=1, CN<=DN/CMAX
? N/M/F, PREC, PI=1, CI<=DI/CMAX
? N/M/F, PREC, PI=1/SUMCI
1 N/M/F, PREC, PI=1/SUMWICI
? N/M/F, PREC, PI=1, CN<=DN/SUMCI
? N/M/F, PREC, PI=1, CI<=DI/SUMCI
1 N/M/F, PREC, PI=1, CN<=DN/SUMWICI
1 N/M/F, PREC, PI=1, CI<=DI/SUMWICI
1 N/M/F, PREC, PI=1/SUMTI
1 N/M/F, PREC, PI=1/SUMWITI
1 N/M/F, PREC, PI=1/SUMUI
1 N/M/F, PREC, PI=1/SUMWIUI
? N/M/F, PREC, PI=1, RN>=0/CMAX
? N/M/F, PREC, PI=1, RN>=0/LMAX
? N/M/F, PREC, PI=1, RN>=0, CN<=DN/CMAX
? N/M/F, PREC, PI=1, RN>=0, CI<=DI/CMAX
? N/M/F, PREC, PI=1, RN>=0/SUMCI
1 N/M/F, PREC, PI=1, RN>=0/SUMWICI
? N/M/F, PREC, PI=1, RN>=0, CN<=DN/SUMCI
? N/M/F, PREC, PI=1, RN>=0, CI<=DI/SUMCI
1 N/M/F, PREC, PI=1, RN>=0, CN<=DN/SUMWICI
1 N/M/F, PREC, PI=1, RN>=0, CI<=DI/SUMWICI
1 N/M/F, PREC, PI=1, RN>=0/SUMTI
1 N/M/F, PREC, PI=1, RN>=0/SUMWITI
1 N/M/F, PREC, PI=1, RN>=0/SUMUI
1 N/M/F, PREC, PI=1, RN>=0/SUMWIUI
? N/M/F, PREC, PI=1, RI>=0/CMAX
? N/M/F, PREC, PI=1, RI>=0/LMAX
? N/M/F, PREC, PI=1, RI>=0, CN<=DN/CMAX
? N/M/F, PREC, PI=1, RI>=0, CI<=DI/CMAX
? N/M/F, PREC, PI=1, RI>=0/SUMCI
1 N/M/F, PREC, PI=1, RI>=0/SUMWICI
? N/M/F, PREC, PI=1, RI>=0, CN<=DN/SUMCI
? N/M/F, PREC, PI=1, RI>=0, CI<=DI/SUMCI
1 N/M/F, PREC, PI=1, RI>=0, CN<=DN/SUMWICI
1 N/M/F, PREC, PI=1, RI>=0, CI<=DI/SUMWICI
1 N/M/F, PREC, PI=1, RI>=0/SUMTI
1 N/M/F, PREC, PI=1, RI>=0/SUMWITI
1 N/M/F, PREC, PI=1, RI>=0/SUMUI
1 N/M/F, PREC, PI=1, RI>=0/SUMWIUI

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? N/M/F,PREC,PI<=P*/C MAX
 ? N/M/F,PREC,PI<=P*/L MAX
 ? N/M/F,PREC,PI<=P*,CN<=DN/C MAX
 ? N/M/F,PREC,PI<=P*,CI<=DI/C MAX
 1 N/M/F,PREC,PI<=P*/SUMCI
 1 N/M/F,PREC,PI<=P*/SUMWICI
 1 N/M/F,PREC,PI<=P*,CN<=DN/SUMCI
 1 N/M/F,PREC,PI<=P*,CI<=DI/SUMCI
 1 N/M/F,PREC,PI<=P*,CN<=DN/SUMWICI
 1 N/M/F,PREC,PI<=P*,CI<=DI/SUMWICI
 1 N/M/F,PREC,PI<=P*/SUMTI
 1 N/M/F,PREC,PI<=P*/SUMWITI
 1 N/M/F,PREC,PI<=P*/SUMUI
 1 N/M/F,PREC,PI<=P*/SUMWIUI
 ? N/M/F,PREC,PI<=P*,RN>=0/C MAX
 ? N/M/F,PREC,PI<=P*,RN>=0/L MAX
 ? N/M/F,PREC,PI<=P*,RN>=0,CN<=DN/C MAX
 ? N/M/F,PREC,PI<=P*,RN>=0,CI<=DI/C MAX
 1 N/M/F,PREC,PI<=P*,RN>=0/SUMCI
 1 N/M/F,PREC,PI<=P*,RN>=0/SUMWICI
 1 N/M/F,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
 1 N/M/F,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI
 1 N/M/F,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
 1 N/M/F,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
 1 N/M/F,PREC,PI<=P*,RN>=0/SUMTI
 1 N/M/F,PREC,PI<=P*,RN>=0/SUMWITI
 1 N/M/F,PREC,PI<=P*,RN>=0/SUMUI
 1 N/M/F,PREC,PI<=P*,RN>=0/SUMWIUI
 ? N/M/F,PREC,PI<=P*,RI>=0/C MAX
 ? N/M/F,PREC,PI<=P*,RI>=0/L MAX
 ? N/M/F,PREC,PI<=P*,RI>=0,CN<=DN/C MAX
 ? N/M/F,PREC,PI<=P*,RI>=0,CI<=DI/C MAX
 1 N/M/F,PREC,PI<=P*,RI>=0/SUMCI
 1 N/M/F,PREC,PI<=P*,RI>=0/SUMWICI
 1 N/M/F,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
 1 N/M/F,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
 1 N/M/F,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
 1 N/M/F,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
 1 N/M/F,PREC,PI<=P*,RI>=0/SUMTI
 1 N/M/F,PREC,PI<=P*,RI>=0/SUMWITI
 1 N/M/F,PREC,PI<=P*,RI>=0/SUMUI
 1 N/M/F,PREC,PI<=P*,RI>=0/SUMWIUI
 1 N/M/F,PREC/C MAX
 1 N/M/F,PREC/L MAX
 1 N/M/F,PREC,CN<=DN/C MAX
 1 N/M/F,PREC,CI<=DI/C MAX
 1 N/M/F,PREC/SUMCI
 1 N/M/F,PREC/SUMWICI
 1 N/M/F,PREC,CN<=DN/SUMCI
 1 N/M/F,PREC,CI<=DI/SUMCI


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1 N/M/F,PREC,CN<=DN/SUMWICI
1 N/M/F,PREC,CI<=DI/SUMWICI
1 N/M/F,PREC/SUMTI
1 N/M/F,PREC/SUMWITI
1 N/M/F,PREC/SUMUI
1 N/M/F,PREC/SUMWIUI
1 N/M/F,PREC,RN>=0/CMAX
1 N/M/F,PREC,RN>=0/LMAX
1 N/M/F,PREC,RN>=0,CN<=DN/CMAX
1 N/M/F,PREC,RN>=0,CI<=DI/CMAX
1 N/M/F,PREC,RN>=0/SUMCI
1 N/M/F,PREC,RN>=0/SUMWICI
1 N/M/F,PREC,RN>=0,CN<=DN/SUMCI
1 N/M/F,PREC,RN>=0,CI<=DI/SUMCI
1 N/M/F,PREC,RN>=0,CN<=DN/SUMWICI
1 N/M/F,PREC,RN>=0,CI<=DI/SUMWICI
1 N/M/F,PREC,RN>=0/SUMTI
1 N/M/F,PREC,RN>=0/SUMWITI
1 N/M/F,PREC,RN>=0/SUMUI
1 N/M/F,PREC,RN>=0/SUMWIUI
1 N/M/F,PREC,RI>=0/CMAX
1 N/M/F,PREC,RI>=0/LMAX
1 N/M/F,PREC,RI>=0,CN<=DN/CMAX
1 N/M/F,PREC,RI>=0,CI<=DI/CMAX
1 N/M/F,PREC,RI>=0/SUMCI
1 N/M/F,PREC,RI>=0/SUMWICI
1 N/M/F,PREC,RI>=0,CN<=DN/SUMCI
1 N/M/F,PREC,RI>=0,CI<=DI/SUMCI
1 N/M/F,PREC,RI>=0,CN<=DN/SUMWICI
1 N/M/F,PREC,RI>=0,CI<=DI/SUMWICI
1 N/M/F,PREC,RI>=0/SUMTI
1 N/M/F,PREC,RI>=0/SUMWITI
1 N/M/F,PREC,RI>=0/SUMUI
1 N/M/F,PREC,RI>=0/SUMWIUI
? N/2/G,PI=1/CMAX
? N/2/G,PI=1/LMAX
? N/2/G,PI=1,CN<=DN/CMAX
? N/2/G,PI=1,CI<=DI/CMAX
? N/2/G,PI=1/SUMCI
? N/2/G,PI=1/SUMWICI
? N/2/G,PI=1,CN<=DN/SUMCI
? N/2/G,PI=1,CI<=DI/SUMCI
? N/2/G,PI=1,CN<=DN/SUMWICI
? N/2/G,PI=1,CI<=DI/SUMWICI
? N/2/G,PI=1/SUMTI
? N/2/G,PI=1/SUMWITI
? N/2/G,PI=1/SUMUI
? N/2/G,PI=1/SUMWIUI
? N/2/G,PI=1,RN>=0/CMAX
? N/2/G,PI=1,RN>=0/LMAX

```


? N/2/G,PI=1,RN>=0,CN<=DN/CMAX
 ? N/2/G,PI=1,RN>=0,CI<=DI/CMAX
 ? N/2/G,PI=1,RN>=0/SUMCI
 ? N/2/G,PI=1,RN>=0/SUMWICI
 ? N/2/G,PI=1,RN>=0,CN<=DN/SUMCI
 ? N/2/G,PI=1,RN>=0,CI<=DI/SUMCI
 ? N/2/G,PI=1,RN>=0,CN<=DN/SUMWICI
 ? N/2/G,PI=1,RN>=0,CI<=DI/SUMWICI
 ? N/2/G,PI=1,RN>=0/SUMTI
 ? N/2/G,PI=1,RN>=0/SUMWITI
 ? N/2/G,PI=1,RN>=0/SUMUI
 ? N/2/G,PI=1,RN>=0/SUMWIUI
 ? N/2/G,PI=1,RI>=0/CMAX
 ? N/2/G,PI=1,RI>=0/LMAX
 ? N/2/G,PI=1,RI>=0,CN<=DN/CMAX
 ? N/2/G,PI=1,RI>=0,CI<=DI/CMAX
 ? N/2/G,PI=1,RI>=0/SUMCI
 ? N/2/G,PI=1,RI>=0/SUMWICI
 ? N/2/G,PI=1,RI>=0,CN<=DN/SUMCI
 ? N/2/G,PI=1,RI>=0,CI<=DI/SUMCI
 ? N/2/G,PI=1,RI>=0,CN<=DN/SUMWICI
 ? N/2/G,PI=1,RI>=0,CI<=DI/SUMWICI
 ? N/2/G,PI=1,RI>=0/SUMTI
 ? N/2/G,PI=1,RI>=0/SUMWITI
 ? N/2/G,PI=1,RI>=0/SUMUI
 ? N/2/G,PI=1,RI>=0/SUMWIUI
 ? N/2/G,PI<=P*/CMAX
 ? N/2/G,PI<=P*/LMAX
 ? N/2/G,PI<=P*,CN<=DN/CMAX
 ? N/2/G,PI<=P*,CI<=DI/CMAX
 ? N/2/G,PI<=P*/SUMCI
 ? N/2/G,PI<=P*/SUMWICI
 ? N/2/G,PI<=P*,CN<=DN/SUMCI
 ? N/2/G,PI<=P*,CI<=DI/SUMCI
 ? N/2/G,PI<=P*,CN<=DN/SUMWICI
 ? N/2/G,PI<=P*,CI<=DI/SUMWICI
 ? N/2/G,PI<=P*/SUMTI
 ? N/2/G,PI<=P*/SUMWITI
 ? N/2/G,PI<=P*/SUMUI
 ? N/2/G,PI<=P*/SUMWIUI
 ? N/2/G,PI<=P*,RN>=0/CMAX
 ? N/2/G,PI<=P*,RN>=0/LMAX
 ? N/2/G,PI<=P*,RN>=0,CN<=DN/CMAX
 ? N/2/G,PI<=P*,RN>=0,CI<=DI/CMAX
 ? N/2/G,PI<=P*,RN>=0/SUMCI
 ? N/2/G,PI<=P*,RN>=0/SUMWICI
 ? N/2/G,PI<=P*,RN>=0,CN<=DN/SUMCI
 ? N/2/G,PI<=P*,RN>=0,CI<=DI/SUMCI
 ? N/2/G,PI<=P*,RN>=0,CN<=DN/SUMWICI
 ? N/2/G,PI<=P*,RN>=0,CI<=DI/SUMWICI

? N/2/G,PI<=P*,RN>=0/SUMTI
 ? N/2/G,PI<=P*,RN>=0/SUMWITI
 ? N/2/G,PI<=P*,RN>=0/SUMUI
 ? N/2/G,PI<=P*,RN>=0/SUMWIUI
 ? N/2/G,PI<=P*,RI>=0/CMAX
 ? N/2/G,PI<=P*,RI>=0/LMAX
 ? N/2/G,PI<=P*,RI>=0,CN<=DN/CMAX
 ? N/2/G,PI<=P*,RI>=0,CI<=DI/CMAX
 ? N/2/G,PI<=P*,RI>=0/SUMCI
 ? N/2/G,PI<=P*,RI>=0/SUMWICI
 ? N/2/G,PI<=P*,RI>=0,CN<=DN/SUMCI
 ? N/2/G,PI<=P*,RI>=0,CI<=DI/SUMCI
 ? N/2/G,PI<=P*,RI>=0,CN<=DN/SUMWICI
 ? N/2/G,PI<=P*,RI>=0,CI<=DI/SUMWICI
 ? N/2/G,PI<=P*,RI>=0/SUMTI
 ? N/2/G,PI<=P*,RI>=0/SUMWITI
 ? N/2/G,PI<=P*,RI>=0/SUMUI
 ? N/2/G,PI<=P*,RI>=0/SUMWIUI
 1 N/2/G/CMAX
 1 N/2/G/LMAX
 1 N/2/G,CN<=DN/CMAX
 1 N/2/G,CI<=DI/CMAX
 1 N/2/G/SUMCI
 1 N/2/G/SUMWICI
 1 N/2/G,CN<=DN/SUMCI
 1 N/2/G,CI<=DI/SUMCI
 1 N/2/G,CN<=DN/SUMWICI
 1 N/2/G,CI<=DI/SUMWICI
 1 N/2/G/SUMTI
 1 N/2/G/SUMWITI
 1 N/2/G/SUMUI
 1 N/2/G/SUMWIUI
 1 N/2/G,RN>=0/CMAX
 1 N/2/G,RN>=0/LMAX
 1 N/2/G,RN>=0,CN<=DN/CMAX
 1 N/2/G,RN>=0,CI<=DI/CMAX
 1 N/2/G,RN>=0/SUMCI
 1 N/2/G,RN>=0/SUMWICI
 1 N/2/G,RN>=0,CN<=DN/SUMCI
 1 N/2/G,RN>=0,CI<=DI/SUMCI
 1 N/2/G,RN>=0,CN<=DN/SUMWICI
 1 N/2/G,RN>=0,CI<=DI/SUMWICI
 1 N/2/G,RN>=0/SUMTI
 1 N/2/G,RN>=0/SUMWITI
 1 N/2/G,RN>=0/SUMUI
 1 N/2/G,RN>=0/SUMWIUI
 1 N/2/G,RI>=0/CMAX
 1 N/2/G,RI>=0/LMAX
 1 N/2/G,RI>=0,CN<=DN/CMAX
 1 N/2/G,RI>=0,CI<=DI/CMAX


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1 N/2/G,RI>=0/SUMCI
1 N/2/G,RI>=0/SUMWICI
1 N/2/G,RI>=0,CN<=DN/SUMCI
1 N/2/G,RI>=0,CI<=DI/SUMCI
1 N/2/G,RI>=0,CN<=DN/SUMWICI
1 N/2/G,RI>=0,CI<=DI/SUMWICI
1 N/2/G,RI>=0/SUMTI
1 N/2/G,RI>=0/SUMWITI
1 N/2/G,RI>=0/SUMUI
1 N/2/G,RI>=0/SUMWIUI
2 N/2/G,TREE,PI=1/CMAX
2 N/2/G,TREE,PI=1/LMAX
2 N/2/G,TREE,PI=1,CN<=DN/CMAX
2 N/2/G,TREE,PI=1,CI<=DI/CMAX
2 N/2/G,TREE,PI=1/SUMCI
2 N/2/G,TREE,PI=1/SUMWICI
2 N/2/G,TREE,PI=1,CN<=DN/SUMCI
2 N/2/G,TREE,PI=1,CI<=DI/SUMCI
2 N/2/G,TREE,PI=1,CN<=DN/SUMWICI
2 N/2/G,TREE,PI=1,CI<=DI/SUMWICI
2 N/2/G,TREE,PI=1/SUMTI
2 N/2/G,TREE,PI=1/SUMWITI
2 N/2/G,TREE,PI=1/SUMUI
2 N/2/G,TREE,PI=1/SUMWIUI
2 N/2/G,TREE,PI=1,RN>=0/CMAX
2 N/2/G,TREE,PI=1,RN>=0/LMAX
2 N/2/G,TREE,PI=1,RN>=0,CN<=DN/CMAX
2 N/2/G,TREE,PI=1,RN>=0,CI<=DI/CMAX
2 N/2/G,TREE,PI=1,RN>=0/SUMCI
2 N/2/G,TREE,PI=1,RN>=0/SUMWICI
2 N/2/G,TREE,PI=1,RN>=0,CN<=DN/SUMCI
2 N/2/G,TREE,PI=1,RN>=0,CI<=DI/SUMCI
2 N/2/G,TREE,PI=1,RN>=0,CN<=DN/SUMWICI
2 N/2/G,TREE,PI=1,RN>=0,CI<=DI/SUMWICI
2 N/2/G,TREE,PI=1,RN>=0/SUMTI
2 N/2/G,TREE,PI=1,RN>=0/SUMWITI
2 N/2/G,TREE,PI=1,RN>=0/SUMUI
2 N/2/G,TREE,PI=1,RN>=0/SUMWIUI
2 N/2/G,TREE,PI=1,RI>=0/CMAX
2 N/2/G,TREE,PI=1,RI>=0/LMAX
2 N/2/G,TREE,PI=1,RI>=0,CN<=DN/CMAX
2 N/2/G,TREE,PI=1,RI>=0,CI<=DI/CMAX
2 N/2/G,TREE,PI=1,RI>=0/SUMCI
2 N/2/G,TREE,PI=1,RI>=0/SUMWICI
2 N/2/G,TREE,PI=1,RI>=0,CN<=DN/SUMCI
2 N/2/G,TREE,PI=1,RI>=0,CI<=DI/SUMCI
2 N/2/G,TREE,PI=1,RI>=0,CN<=DN/SUMWICI
2 N/2/G,TREE,PI=1,RI>=0,CI<=DI/SUMWICI
2 N/2/G,TREE,PI=1,RI>=0/SUMTI
2 N/2/G,TREE,PI=1,RI>=0/SUMWITI

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1 N/2/G, TREE, PI=1, RI>=0/SUMUI
1 N/2/G, TREE, PI=1, RI>=0/SUMWUI
? N/2/G, TREE, PI<=P*/CMAX
? N/2/G, TREE, PI<=P*/LMAX
? N/2/G, TREE, PI<=P*, CN<=DN/CMAX
? N/2/G, TREE, PI<=P*, CI<=DI/CMAX
? N/2/G, TREE, PI<=P*/SUMCI
? N/2/G, TREE, PI<=P*/SUMWICI
? N/2/G, TREE, PI<=P*, CN<=DN/SUMCI
? N/2/G, TREE, PI<=P*, CI<=DI/SUMCI
? N/2/G, TREE, PI<=P*, CN<=DN/SUMWICI
? N/2/G, TREE, PI<=P*, CI<=DI/SUMWICI
? N/2/G, TREE, PI<=P*/SUMTI
? N/2/G, TREE, PI<=P*/SUMWITI
? N/2/G, TREE, PI<=P*/SUMUI
? N/2/G, TREE, PI<=P*/SUMWUI
? N/2/G, TREE, PI<=P*, RN>=0/CMAX
? N/2/G, TREE, PI<=P*, RN>=0/LMAX
? N/2/G, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
? N/2/G, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
? N/2/G, TREE, PI<=P*, RN>=0/SUMCI
? N/2/G, TREE, PI<=P*, RN>=0/SUMWICI
? N/2/G, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
? N/2/G, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
? N/2/G, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
? N/2/G, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
? N/2/G, TREE, PI<=P*, RN>=0/SUMTI
? N/2/G, TREE, PI<=P*, RN>=0/SUMWITI
? N/2/G, TREE, PI<=P*, RN>=0/SUMUI
? N/2/G, TREE, PI<=P*, RN>=0/SUMWUI
? N/2/G, TREE, PI<=P*, RI>=0/CMAX
? N/2/G, TREE, PI<=P*, RI>=0/LMAX
? N/2/G, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
? N/2/G, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
? N/2/G, TREE, PI<=P*, RI>=0/SUMCI
? N/2/G, TREE, PI<=P*, RI>=0/SUMWICI
? N/2/G, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
? N/2/G, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
? N/2/G, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
? N/2/G, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
? N/2/G, TREE, PI<=P*, RI>=0/SUMTI
? N/2/G, TREE, PI<=P*, RI>=0/SUMWITI
1 N/2/G, TREE, PI<=P*, RI>=0/SUMUI
1 N/2/G, TREE, PI<=P*, RI>=0/SUMWUI
1 N/2/G, TREE/CMAX
1 N/2/G, TREE/LMAX
1 N/2/G, TREE, CN<=DN/CMAX
1 N/2/G, TREE, CI<=DI/CMAX
1 N/2/G, TREE/SUMCI
1 N/2/G, TREE/SUMWICI

```



```

1 N/2/G, TREE, CN<=DN/SUMCI
1 N/2/G, TREE, CI<=DI/SUMCI
1 N/2/G, TREE, CN<=DN/SUMWICI
1 N/2/G, TREE, CI<=DI/SUMWICI
1 N/2/G, TREE/SUMTI
1 N/2/G, TREE/SUMWITI
1 N/2/G, TREE/SUMUI
1 N/2/G, TREE/SUMWIUI
1 N/2/G, TREE, RN>=0/CMAX
1 N/2/G, TREE, RN>=0/LMAX
1 N/2/G, TREE, RN>=0, CN<=DN/CMAX
1 N/2/G, TREE, RN>=0, CI<=DI/CMAX
1 N/2/G, TREE, RN>=0/SUMCI
1 N/2/G, TREE, RN>=0/SUMWICI
1 N/2/G, TREE, RN>=0, CN<=DN/SUMCI
1 N/2/G, TREE, RN>=0, CI<=DI/SUMCI
1 N/2/G, TREE, RN>=0, CN<=DN/SUMWICI
1 N/2/G, TREE, RN>=0, CI<=DI/SUMWICI
1 N/2/G, TREE, RN>=0/SUMTI
1 N/2/G, TREE, RN>=0/SUMWITI
1 N/2/G, TREE, RN>=0/SUMUI
1 N/2/G, TREE, RN>=0/SUMWIUI
1 N/2/G, TREE, RI>=0/CMAX
1 N/2/G, TREE, RI>=0/LMAX
1 N/2/G, TREE, RI>=0, CN<=DN/CMAX
1 N/2/G, TREE, RI>=0, CI<=DI/CMAX
1 N/2/G, TREE, RI>=0/SUMCI
1 N/2/G, TREE, RI>=0/SUMWICI
1 N/2/G, TREE, RI>=0, CN<=DN/SUMCI
1 N/2/G, TREE, RI>=0, CI<=DI/SUMCI
1 N/2/G, TREE, RI>=0, CN<=DN/SUMWICI
1 N/2/G, TREE, RI>=0, CI<=DI/SUMWICI
1 N/2/G, TREE, RI>=0/SUMTI
1 N/2/G, TREE, RI>=0/SUMWITI
1 N/2/G, TREE, RI>=0/SUMUI
1 N/2/G, TREE, RI>=0/SUMWIUI
? N/2/G, PREC, PI=1/CMAX
? N/2/G, PREC, PI=1/LMAX
? N/2/G, PREC, PI=1, CN<=DN/CMAX
? N/2/G, PREC, PI=1, CI<=DI/CMAX
? N/2/G, PREC, PI=1/SUMCI
1 N/2/G, PREC, PI=1/SUMWICI
? N/2/G, PREC, PI=1, CN<=DN/SUMCI
? N/2/G, PREC, PI=1, CI<=DI/SUMCI
1 N/2/G, PREC, PI=1, CN<=DN/SUMWICI
1 N/2/G, PREC, PI=1, CI<=DI/SUMWICI
1 N/2/G, PREC, PI=1/SUMTI
1 N/2/G, PREC, PI=1/SUMWITI
1 N/2/G, PREC, PI=1/SUMUI
1 N/2/G, PREC, PI=1/SUMWIUI

```


? N/2/G,PREC,PI=1,RN>=0/CMAX
 ? N/2/G,PREC,PI=1,RN>=0/LMAX
 ? N/2/G,PREC,PI=1,RN>=0,CN<=DN/CMAX
 ? N/2/G,PREC,PI=1,RN>=0,CI<=DI/CMAX
 ? N/2/G,PREC,PI=1,RN>=0/SUMCI
 1 N/2/G,PREC,PI=1,RN>=0/SUMWICI
 ? N/2/G,PREC,PI=1,RN>=0,CN<=DN/SUMCI
 ? N/2/G,PREC,PI=1,RN>=0,CI<=DI/SUMCI
 1 N/2/G,PREC,PI=1,RN>=0,CN<=DN/SUMWICI
 1 N/2/G,PREC,PI=1,RN>=0,CI<=DI/SUMWICI
 1 N/2/G,PREC,PI=1,RN>=0/SUMTI
 1 N/2/G,PREC,PI=1,RN>=0/SUMWITI
 1 N/2/G,PREC,PI=1,RN>=0/SUMUI
 1 N/2/G,PREC,PI=1,RN>=0/SUMWIUI
 ? N/2/G,PREC,PI=1,RI>=0/CMAX
 ? N/2/G,PREC,PI=1,RI>=0/LMAX
 ? N/2/G,PREC,PI=1,RI>=0,CN<=DN/CMAX
 ? N/2/G,PREC,PI=1,RI>=0,CI<=DI/CMAX
 ? N/2/G,PREC,PI=1,RI>=0/SUMCI
 1 N/2/G,PREC,PI=1,RI>=0/SUMWICI
 ? N/2/G,PREC,PI=1,RI>=0,CN<=DN/SUMCI
 ? N/2/G,PREC,PI=1,RI>=0,CI<=DI/SUMCI
 1 N/2/G,PREC,PI=1,RI>=0,CN<=DN/SUMWICI
 1 N/2/G,PREC,PI=1,RI>=0,CI<=DI/SUMWICI
 1 N/2/G,PREC,PI=1,RI>=0/SUMTI
 1 N/2/G,PREC,PI=1,RI>=0/SUMWITI
 1 N/2/G,PREC,PI=1,RI>=0/SUMUI
 1 N/2/G,PREC,PI=1,RI>=0/SUMWIUI
 ? N/2/G,PREC,PI<=P*/CMAX
 ? N/2/G,PREC,PI<=P*/LMAX
 ? N/2/G,PREC,PI<=P*,CN<=DN/CMAX
 ? N/2/G,PREC,PI<=P*,CI<=DI/CMAX
 1 N/2/G,PREC,PI<=P*/SUMCI
 1 N/2/G,PREC,PI<=P*/SUMWICI
 1 N/2/G,PREC,PI<=P*,CN<=DN/SUMCI
 1 N/2/G,PREC,PI<=P*,CI<=DI/SUMCI
 1 N/2/G,PREC,PI<=P*,CN<=DN/SUMWICI
 1 N/2/G,PREC,PI<=P*,CI<=DI/SUMWICI
 1 N/2/G,PREC,PI<=P*/SUMTI
 1 N/2/G,PREC,PI<=P*/SUMWITI
 1 N/2/G,PREC,PI<=P*/SUMUI
 1 N/2/G,PREC,PI<=P*/SUMWIUI
 ? N/2/G,PREC,PI<=P*,RN>=0/CMAX
 ? N/2/G,PREC,PI<=P*,RN>=0/LMAX
 ? N/2/G,PREC,PI<=P*,RN>=0,CN<=DN/CMAX
 ? N/2/G,PREC,PI<=P*,RN>=0,CI<=DI/CMAX
 1 N/2/G,PREC,PI<=P*,RN>=0/SUMCI
 1 N/2/G,PREC,PI<=P*,RN>=0/SUMWICI
 1 N/2/G,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
 1 N/2/G,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI

1 N/2/G,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
1 N/2/G,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
1 N/2/G,PREC,PI<=P*,RN>=0/SUMTI
1 N/2/G,PREC,PI<=P*,RN>=0/SUMWITI
1 N/2/G,PREC,PI<=P*,RN>=0/SUMUI
1 N/2/G,PREC,PI<=P*,RN>=0/SUMWIUI
? N/2/G,PREC,PI<=P*,RI>=0/CMAX
? N/2/G,PREC,PI<=P*,RI>=0/LMAX
? N/2/G,PREC,PI<=P*,RI>=0,CN<=DN/CMAX
? N/2/G,PREC,PI<=P*,RI>=0,CI<=DI/CMAX
1 N/2/G,PREC,PI<=P*,RI>=0/SUMCI
1 N/2/G,PREC,PI<=P*,RI>=0/SUMWICI
1 N/2/G,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/2/G,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
1 N/2/G,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/2/G,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/2/G,PREC,PI<=P*,RI>=0/SUMTI
1 N/2/G,PREC,PI<=P*,RI>=0/SUMWITI
1 N/2/G,PREC,PI<=P*,RI>=0/SUMUI
1 N/2/G,PREC,PI<=P*,RI>=0/SUMWIUI
1 N/2/G,PREC/CMAX
1 N/2/G,PREC/LMAX
1 N/2/G,PREC,CN<=DN/CMAX
1 N/2/G,PREC,CI<=DI/CMAX
1 N/2/G,PREC/SUMCI
1 N/2/G,PREC/SUMWICI
1 N/2/G,PREC,CN<=DN/SUMCI
1 N/2/G,PREC,CI<=DI/SUMCI
1 N/2/G,PREC,CN<=DN/SUMWICI
1 N/2/G,PREC,CI<=DI/SUMWICI
1 N/2/G,PREC/SUMTI
1 N/2/G,PREC/SUMWITI
1 N/2/G,PREC/SUMUI
1 N/2/G,PREC/SUMWIUI
1 N/2/G,PREC,RN>=0/CMAX
1 N/2/G,PREC,RN>=0/LMAX
1 N/2/G,PREC,RN>=0,CN<=DN/CMAX
1 N/2/G,PREC,RN>=0,CI<=DI/CMAX
1 N/2/G,PREC,RN>=0/SUMCI
1 N/2/G,PREC,RN>=0/SUMWICI
1 N/2/G,PREC,RN>=0,CN<=DN/SUMCI
1 N/2/G,PREC,RN>=0,CI<=DI/SUMCI
1 N/2/G,PREC,RN>=0,CN<=DN/SUMWICI
1 N/2/G,PREC,RN>=0,CI<=DI/SUMWICI
1 N/2/G,PREC,RN>=0/SUMTI
1 N/2/G,PREC,RN>=0/SUMWITI
1 N/2/G,PREC,RN>=0/SUMUI
1 N/2/G,PREC,RN>=0/SUMWIUI
1 N/2/G,PREC,RI>=0/CMAX
1 N/2/G,PREC,RI>=0/LMAX


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1 N/2/G,PREC,RI>=0,CN<=DN/CMAX
1 N/2/G,PREC,RI>=0,CI<=DI/CMAX
1 N/2/G,PREC,RI>=0/SUMCI
1 N/2/G,PREC,RI>=0/SUMWICI
1 N/2/G,PREC,RI>=0,CN<=DN/SUMCI
1 N/2/G,PREC,RI>=0,CI<=DI/SUMCI
1 N/2/G,PREC,RI>=0,CN<=DN/SUMWICI
1 N/2/G,PREC,RI>=0,CI<=DI/SUMWICI
1 N/2/G,PREC,RI>=0/SUMTI
1 N/2/G,PREC,RI>=0/SUMWITI
1 N/2/G,PREC,RI>=0/SUMUI
1 N/2/G,PREC,RI>=0/SUMWUI
? N/M/G,PI=1/CMAX
? N/M/G,PI=1/LMAX
? N/M/G,PI=1,CN<=DN/CMAX
? N/M/G,PI=1,CI<=DI/CMAX
? N/M/G,PI=1/SUMCI
? N/M/G,PI=1/SUMWICI
? N/M/G,PI=1,CN<=DN/SUMCI
? N/M/G,PI=1,CI<=DI/SUMCI
? N/M/G,PI=1,CN<=DN/SUMWICI
? N/M/G,PI=1,CI<=DI/SUMWICI
? N/M/G,PI=1/SUMTI
? N/M/G,PI=1/SUMWITI
? N/M/G,PI=1/SUMUI
? N/M/G,PI=1/SUMWUI
? N/M/G,PI=1,RN>=0/CMAX
? N/M/G,PI=1,RN>=0/LMAX
? N/M/G,PI=1,RN>=0,CN<=DN/CMAX
? N/M/G,PI=1,RN>=0,CI<=DI/CMAX
? N/M/G,PI=1,RN>=0/SUMCI
? N/M/G,PI=1,RN>=0/SUMWICI
? N/M/G,PI=1,RN>=0,CN<=DN/SUMCI
? N/M/G,PI=1,RN>=0,CI<=DI/SUMCI
? N/M/G,PI=1,RN>=0,CN<=DN/SUMWICI
? N/M/G,PI=1,RN>=0,CI<=DI/SUMWICI
? N/M/G,PI=1,RN>=0/SUMTI
? N/M/G,PI=1,RN>=0/SUMWITI
? N/M/G,PI=1,RN>=0/SUMUI
? N/M/G,PI=1,RN>=0/SUMWUI
? N/M/G,PI=1,RI>=0/CMAX
? N/M/G,PI=1,RI>=0/LMAX
? N/M/G,PI=1,RI>=0,CN<=DN/CMAX
? N/M/G,PI=1,RI>=0,CI<=DI/CMAX
? N/M/G,PI=1,RI>=0/SUMCI
? N/M/G,PI=1,RI>=0/SUMWICI
? N/M/G,PI=1,RI>=0,CN<=DN/SUMCI
? N/M/G,PI=1,RI>=0,CI<=DI/SUMCI
? N/M/G,PI=1,RI>=0,CN<=DN/SUMWICI
? N/M/G,PI=1,RI>=0,CI<=DI/SUMWICI

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? N/M/G,PI=1,RI>=0/SUMTI
 ? N/M/G,PI=1,RI>=0/SUMWITI
 ? N/M/G,PI=1,RI>=0/SUMUI
 ? N/M/G,PI=1,RI>=0/SUMWIUI
 ? N/M/G,PI<=P*/CMAX
 ? N/M/G,PI<=P*/LMAX
 ? N/M/G,PI<=P*,CN<=DN/CMAX
 ? N/M/G,PI<=P*,CI<=DI/CMAX
 ? N/M/G,PI<=P*/SUMCI
 ? N/M/G,PI<=P*/SUMWICI
 ? N/M/G,PI<=P*,CN<=DN/SUMCI
 ? N/M/G,PI<=P*,CI<=DI/SUMCI
 ? N/M/G,PI<=P*,CN<=DN/SUMWICI
 ? N/M/G,PI<=P*,CI<=DI/SUMWICI
 ? N/M/G,PI<=P*/SUMTI
 ? N/M/G,PI<=P*/SUMWITI
 ? N/M/G,PI<=P*/SUMUI
 ? N/M/G,PI<=P*/SUMWIUI
 ? N/M/G,PI<=P*,RH>=0/CMAX
 ? N/M/G,PI<=P*,RH>=0/LMAX
 ? N/M/G,PI<=P*,RH>=0,CN<=DN/CMAX
 ? N/M/G,PI<=P*,RH>=0,CI<=DI/CMAX
 ? N/M/G,PI<=P*,RH>=0/SUMCI
 ? N/M/G,PI<=P*,RH>=0/SUMWICI
 ? N/M/G,PI<=P*,RH>=0,CN<=DN/SUMCI
 ? N/M/G,PI<=P*,RH>=0,CI<=DI/SUMCI
 ? N/M/G,PI<=P*,RH>=0,CN<=DN/SUMWICI
 ? N/M/G,PI<=P*,RH>=0,CI<=DI/SUMWICI
 ? N/M/G,PI<=P*,RH>=0/SUMTI
 ? N/M/G,PI<=P*,RH>=0/SUMWITI
 ? N/M/G,PI<=P*,RH>=0/SUMUI
 ? N/M/G,PI<=P*,RH>=0/SUMWIUI
 ? N/M/G,PI<=P*,RI>=0/CMAX
 ? N/M/G,PI<=P*,RI>=0/LMAX
 ? N/M/G,PI<=P*,RI>=0,CN<=DN/CMAX
 ? N/M/G,PI<=P*,RI>=0,CI<=DI/CMAX
 ? N/M/G,PI<=P*,RI>=0/SUMCI
 ? N/M/G,PI<=P*,RI>=0/SUMWICI
 ? N/M/G,PI<=P*,RI>=0,CN<=DN/SUMCI
 ? N/M/G,PI<=P*,RI>=0,CI<=DI/SUMCI
 ? N/M/G,PI<=P*,RI>=0,CN<=DN/SUMWICI
 ? N/M/G,PI<=P*,RI>=0,CI<=DI/SUMWICI
 ? N/M/G,PI<=P*,RI>=0/SUMTI
 ? N/M/G,PI<=P*,RI>=0/SUMWITI
 ? N/M/G,PI<=P*,RI>=0/SUMUI
 ? N/M/G,PI<=P*,RI>=0/SUMWIUI
 ? N/M/G/CMAX
 ? N/M/G/LMAX
 ? N/M/G,CN<=DN/CMAX
 ? N/M/G,CI<=DI/CMAX

1 N/M/G/SUMCI
1 N/M/G/SUMWICI
1 N/M/G,CN<=DN/SUMCI
1 N/M/G,CI<=DI/SUMCI
1 N/M/G,CN<=DN/SUMWICI
1 N/M/G,CI<=DI/SUMWICI
1 N/M/G/SUMTI
1 N/M/G/SUMWITI
1 N/M/G/SUMUI
1 N/M/G/SUMWIUI
1 N/M/G,RN>=0/CMAX
1 N/M/G,RN>=0/LMAX
1 N/M/G,RN>=0,CN<=DN/CMAX
1 N/M/G,RN>=0,CI<=DI/CMAX
1 N/M/G,RN>=0/SUMCI
1 N/M/G,RN>=0/SUMWICI
1 N/M/G,RN>=0,CN<=DN/SUMCI
1 N/M/G,RN>=0,CI<=DI/SUMCI
1 N/M/G,RN>=0,CN<=DN/SUMWICI
1 N/M/G,RN>=0,CI<=DI/SUMWICI
1 N/M/G,RN>=0/SUMTI
1 N/M/G,RN>=0/SUMWITI
1 N/M/G,RN>=0/SUMUI
1 N/M/G,RN>=0/SUMWIUI
1 N/M/G,RI>=0/CMAX
1 N/M/G,RI>=0/LMAX
1 N/M/G,RI>=0,CN<=DN/CMAX
1 N/M/G,RI>=0,CI<=DI/CMAX
1 N/M/G,RI>=0/SUMCI
1 N/M/G,RI>=0/SUMWICI
1 N/M/G,RI>=0,CN<=DN/SUMCI
1 N/M/G,RI>=0,CI<=DI/SUMCI
1 N/M/G,RI>=0,CN<=DN/SUMWICI
1 N/M/G,RI>=0,CI<=DI/SUMWICI
1 N/M/G,RI>=0/SUMTI
1 N/M/G,RI>=0/SUMWITI
1 N/M/G,RI>=0/SUMUI
1 N/M/G,RI>=0/SUMWIUI
? N/M/G,TREE,PI=1/CMAX
? N/M/G,TREE,PI=1/LMAX
? N/M/G,TREE,PI=1,CN<=DN/CMAX
? N/M/G,TREE,PI=1,CI<=DI/CMAX
? N/M/G,TREE,PI=1/SUMCI
? N/M/G,TREE,PI=1/SUMWICI
? N/M/G,TREE,PI=1,CN<=DN/SUMCI
? N/M/G,TREE,PI=1,CI<=DI/SUMCI
? N/M/G,TREE,PI=1,CN<=DN/SUMWICI
? N/M/G,TREE,PI=1,CI<=DI/SUMWICI
? N/M/G,TREE,PI=1/SUMTI
? N/M/G,TREE,PI=1/SUMWITI

? N/M/G, TREE, PI=1/SUMUI
 ? N/M/G, TREE, PI=1/SUMWIUI
 ? N/M/G, TREE, PI=1, RN>=0/CMAX
 ? N/M/G, TREE, PI=1, RN>=0/LMAX
 ? N/M/G, TREE, PI=1, RN>=0, CN<=DN/CMAX
 ? N/M/G, TREE, PI=1, RN>=0, CI<=DI/CMAX
 ? N/M/G, TREE, PI=1, RN>=0/SUMCI
 ? N/M/G, TREE, PI=1, RN>=0/SUMWICI
 ? N/M/G, TREE, PI=1, RN>=0, CN<=DN/SUMCI
 ? N/M/G, TREE, PI=1, RN>=0, CI<=DI/SUMCI
 ? N/M/G, TREE, PI=1, RN>=0, CN<=DN/SUMWICI
 ? N/M/G, TREE, PI=1, RN>=0, CI<=DI/SUMWICI
 ? N/M/G, TREE, PI=1, RN>=0/SUMTI
 ? N/M/G, TREE, PI=1, RN>=0/SUMWITI
 ? N/M/G, TREE, PI=1, RN>=0/SUMUI
 ? N/M/G, TREE, PI=1, RN>=0/SUMWIUI
 ? N/M/G, TREE, PI=1, RI>=0/CMAX
 ? N/M/G, TREE, PI=1, RI>=0/LMAX
 ? N/M/G, TREE, PI=1, RI>=0, CN<=DN/CMAX
 ? N/M/G, TREE, PI=1, RI>=0, CI<=DI/CMAX
 ? N/M/G, TREE, PI=1, RI>=0/SUMCI
 ? N/M/G, TREE, PI=1, RI>=0/SUMWICI
 ? N/M/G, TREE, PI=1, RI>=0, CN<=DN/SUMCI
 ? N/M/G, TREE, PI=1, RI>=0, CI<=DI/SUMCI
 ? N/M/G, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
 ? N/M/G, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
 ? N/M/G, TREE, PI=1, RI>=0/SUMTI
 ? N/M/G, TREE, PI=1, RI>=0/SUMWITI
 ? N/M/G, TREE, PI=1, RI>=0/SUMUI
 ? N/M/G, TREE, PI=1, RI>=0/SUMWIUI
 ? N/M/G, TREE, PI<=P*/CMAX
 ? N/M/G, TREE, PI<=P*/LMAX
 ? N/M/G, TREE, PI<=P*, CN<=DN/CMAX
 ? N/M/G, TREE, PI<=P*, CI<=DI/CMAX
 ? N/M/G, TREE, PI<=P*/SUMCI
 ? N/M/G, TREE, PI<=P*/SUMWICI
 ? N/M/G, TREE, PI<=P*, CN<=DN/SUMCI
 ? N/M/G, TREE, PI<=P*, CI<=DI/SUMCI
 ? N/M/G, TREE, PI<=P*, CN<=DN/SUMWICI
 ? N/M/G, TREE, PI<=P*, CI<=DI/SUMWICI
 ? N/M/G, TREE, PI<=P*/SUMTI
 ? N/M/G, TREE, PI<=P*/SUMWITI
 ? N/M/G, TREE, PI<=P*/SUMUI
 ? N/M/G, TREE, PI<=P*/SUMWIUI
 ? N/M/G, TREE, PI<=P*, RN>=0/CMAX
 ? N/M/G, TREE, PI<=P*, RN>=0/LMAX
 ? N/M/G, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
 ? N/M/G, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
 ? N/M/G, TREE, PI<=P*, RN>=0/SUMCI
 ? N/M/G, TREE, PI<=P*, RN>=0/SUMWICI

? N/M/G, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/M/G, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/M/G, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/M/G, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/M/G, TREE, PI<=P*, RN>=0/SUMTI
 ? N/M/G, TREE, PI<=P*, RN>=0/SUMWITI
 ? N/M/G, TREE, PI<=P*, RN>=0/SUMUI
 ? N/M/G, TREE, PI<=P*, RN>=0/SUMWIUI
 ? N/M/G, TREE, PI<=P*, RI>=0/CMAX
 ? N/M/G, TREE, PI<=P*, RI>=0/LMAX
 ? N/M/G, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/M/G, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/M/G, TREE, PI<=P*, RI>=0/SUMCI
 ? N/M/G, TREE, PI<=P*, RI>=0/SUMWICI
 ? N/M/G, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/M/G, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/M/G, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/M/G, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/M/G, TREE, PI<=P*, RI>=0/SUMTI
 ? N/M/G, TREE, PI<=P*, RI>=0/SUMWITI
 1 N/M/G, TREE, PI<=P*, RI>=0/SUMUI
 1 N/M/G, TREE, PI<=P*, RI>=0/SUMWIUI
 1 N/M/G, TREE/CMAX
 1 N/M/G, TREE/LMAX
 1 N/M/G, TREE, CN<=DN/CMAX
 1 N/M/G, TREE, CI<=DI/CMAX
 1 N/M/G, TREE/SUMCI
 1 N/M/G, TREE/SUMWICI
 1 N/M/G, TREE, CN<=DN/SUMCI
 1 N/M/G, TREE, CI<=DI/SUMCI
 1 N/M/G, TREE, CN<=DN/SUMWICI
 1 N/M/G, TREE, CI<=DI/SUMWICI
 1 N/M/G, TREE/SUMTI
 1 N/M/G, TREE/SUMWITI
 1 N/M/G, TREE/SUMUI
 1 N/M/G, TREE/SUMWIUI
 1 N/M/G, TREE, RN>=0/CMAX
 1 N/M/G, TREE, RN>=0/LMAX
 1 N/M/G, TREE, RN>=0, CN<=DN/CMAX
 1 N/M/G, TREE, RN>=0, CI<=DI/CMAX
 1 N/M/G, TREE, RN>=0/SUMCI
 1 N/M/G, TREE, RN>=0/SUMWICI
 1 N/M/G, TREE, RN>=0, CN<=DN/SUMCI
 1 N/M/G, TREE, RN>=0, CI<=DI/SUMCI
 1 N/M/G, TREE, RN>=0, CN<=DN/SUMWICI
 1 N/M/G, TREE, RN>=0, CI<=DI/SUMWICI
 1 N/M/G, TREE, RN>=0/SUMTI
 1 N/M/G, TREE, RN>=0/SUMWITI
 1 N/M/G, TREE, RN>=0/SUMUI
 1 N/M/G, TREE, RN>=0/SUMWIUI


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1 N/M/G, TREE, RI>=0/C MAX
1 N/M/G, TREE, RI>=0/L MAX
1 N/M/G, TREE, RI>=0, CN<=DN/C MAX
1 N/M/G, TREE, RI>=0, CI<=DI/C MAX
1 N/M/G, TREE, RI>=0/SUMCI
1 N/M/G, TREE, RI>=0/SUMWICI
1 N/M/G, TREE, RI>=0, CN<=DN/SUMCI
1 N/M/G, TREE, RI>=0, CI<=DI/SUMCI
1 N/M/G, TREE, RI>=0, CN<=DN/SUMWICI
1 N/M/G, TREE, RI>=0, CI<=DI/SUMWICI
1 N/M/G, TREE, RI>=0/SUMTI
1 N/M/G, TREE, RI>=0/SUMWITI
1 N/M/G, TREE, RI>=0/SUMUI
1 N/M/G, TREE, RI>=0/SUMWIUI
? N/M/G, PREC, PI=1/C MAX
? N/M/G, PREC, PI=1/L MAX
? N/M/G, PREC, PI=1, CN<=DN/C MAX
? N/M/G, PREC, PI=1, CI<=DI/C MAX
? N/M/G, PREC, PI=1/SUMCI
1 N/M/G, PREC, PI=1/SUMWICI
? N/M/G, PREC, PI=1, CN<=DN/SUMCI
? N/M/G, PREC, PI=1, CI<=DI/SUMCI
1 N/M/G, PREC, PI=1, CN<=DN/SUMWICI
1 N/M/G, PREC, PI=1, CI<=DI/SUMWICI
1 N/M/G, PREC, PI=1/SUMTI
1 N/M/G, PREC, PI=1/SUMWITI
1 N/M/G, PREC, PI=1/SUMUI
1 N/M/G, PREC, PI=1/SUMWIUI
? N/M/G, PREC, PI=1, RN>=0/C MAX
? N/M/G, PREC, PI=1, RN>=0/L MAX
? N/M/G, PREC, PI=1, RN>=0, CN<=DN/C MAX
? N/M/G, PREC, PI=1, RN>=0, CI<=DI/C MAX
? N/M/G, PREC, PI=1, RN>=0/SUMCI
1 N/M/G, PREC, PI=1, RN>=0/SUMWICI
? N/M/G, PREC, PI=1, RN>=0, CN<=DN/SUMCI
? N/M/G, PREC, PI=1, RN>=0, CI<=DI/SUMCI
1 N/M/G, PREC, PI=1, RN>=0, CN<=DN/SUMWICI
1 N/M/G, PREC, PI=1, RN>=0, CI<=DI/SUMWICI
1 N/M/G, PREC, PI=1, RN>=0/SUMTI
1 N/M/G, PREC, PI=1, RN>=0/SUMWITI
1 N/M/G, PREC, PI=1, RN>=0/SUMUI
1 N/M/G, PREC, PI=1, RN>=0/SUMWIUI
? N/M/G, PREC, PI=1, RI>=0/C MAX
? N/M/G, PREC, PI=1, RI>=0/L MAX
? N/M/G, PREC, PI=1, RI>=0, CN<=DN/C MAX
? N/M/G, PREC, PI=1, RI>=0, CI<=DI/C MAX
? N/M/G, PREC, PI=1, RI>=0/SUMCI
1 N/M/G, PREC, PI=1, RI>=0/SUMWICI
? N/M/G, PREC, PI=1, RI>=0, CN<=DN/SUMCI
? N/M/G, PREC, PI=1, RI>=0, CI<=DI/SUMCI

```


1 N/M/G,PREC,PI=1,RI>=0,CN<=DN/SUMWICI
1 N/M/G,PREC,PI=1,RI>=0,CI<=DI/SUMWICI
1 N/M/G,PREC,PI=1,RI>=0/SUMTI
1 N/M/G,PREC,PI=1,RI>=0/SUMWITI
1 N/M/G,PREC,PI=1,RI>=0/SUMUI
1 N/M/G,PREC,PI=1,RI>=0/SUMWIUI
? N/M/G,PREC,PI<=P*/CMAX
? N/M/G,PREC,PI<=P*/LMAX
? N/M/G,PREC,PI<=P*,CN<=DN/CMAX
? N/M/G,PREC,PI<=P*,CI<=DI/CMAX
1 N/M/G,PREC,PI<=P*/SUMCI
1 N/M/G,PREC,PI<=P*/SUMWICI
1 N/M/G,PREC,PI<=P*,CN<=DN/SUMCI
1 N/M/G,PREC,PI<=P*,CI<=DI/SUMCI
1 N/M/G,PREC,PI<=P*,CN<=DN/SUMWICI
1 N/M/G,PREC,PI<=P*,CI<=DI/SUMWICI
1 N/M/G,PREC,PI<=P*/SUMTI
1 N/M/G,PREC,PI<=P*/SUMWITI
1 N/M/G,PREC,PI<=P*/SUMUI
1 N/M/G,PREC,PI<=P*/SUMWIUI
? N/M/G,PREC,PI<=P*,RN>=0/CMAX
? N/M/G,PREC,PI<=P*,RN>=0/LMAX
? N/M/G,PREC,PI<=P*,RN>=0,CN<=DN/CMAX
? N/M/G,PREC,PI<=P*,RN>=0,CI<=DI/CMAX
1 N/M/G,PREC,PI<=P*,RN>=0/SUMCI
1 N/M/G,PREC,PI<=P*,RN>=0/SUMWICI
1 N/M/G,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
1 N/M/G,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI
1 N/M/G,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
1 N/M/G,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
1 N/M/G,PREC,PI<=P*,RN>=0/SUMTI
1 N/M/G,PREC,PI<=P*,RN>=0/SUMWITI
1 N/M/G,PREC,PI<=P*,RN>=0/SUMUI
1 N/M/G,PREC,PI<=P*,RN>=0/SUMWIUI
? N/M/G,PREC,PI<=P*,RI>=0/CMAX
? N/M/G,PREC,PI<=P*,RI>=0/LMAX
? N/M/G,PREC,PI<=P*,RI>=0,CN<=DN/CMAX
? N/M/G,PREC,PI<=P*,RI>=0,CI<=DI/CMAX
1 N/M/G,PREC,PI<=P*,RI>=0/SUMCI
1 N/M/G,PREC,PI<=P*,RI>=0/SUMWICI
1 N/M/G,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/M/G,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
1 N/M/G,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/M/G,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/M/G,PREC,PI<=P*,RI>=0/SUMTI
1 N/M/G,PREC,PI<=P*,RI>=0/SUMWITI
1 N/M/G,PREC,PI<=P*,RI>=0/SUMUI
1 N/M/G,PREC,PI<=P*,RI>=0/SUMWIUI
1 N/M/G,PREC/CMAX
1 N/M/G,PREC/LMAX


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1 N/M/G,PREC,CN<=DN/CMAX
1 N/M/G,PREC,CI<=DI/CMAX
1 N/M/G,PREC/SUMCI
1 N/M/G,PREC/SUMWICI
1 N/M/G,PREC,CN<=DN/SUMCI
1 N/M/G,PREC,CI<=DI/SUMCI
1 N/M/G,PREC,CN<=DN/SUMWICI
1 N/M/G,PREC,CI<=DI/SUMWICI
1 N/M/G,PREC/SUMTI
1 N/M/G,PREC/SUMWITI
1 N/M/G,PREC/SUMUI
1 N/M/G,PREC/SUMWIUI
1 N/M/G,PREC,RN>=0/CMAX
1 N/M/G,PREC,RN>=0/LMAX
1 N/M/G,PREC,RN>=0,CN<=DN/CMAX
1 N/M/G,PREC,RN>=0,CI<=DI/CMAX
1 N/M/G,PREC,RN>=0/SUMCI
1 N/M/G,PREC,RN>=0/SUMWICI
1 N/M/G,PREC,RN>=0,CN<=DN/SUMCI
1 N/M/G,PREC,RN>=0,CI<=DI/SUMCI
1 N/M/G,PREC,RN>=0,CN<=DN/SUMWICI
1 N/M/G,PREC,RN>=0,CI<=DI/SUMWICI
1 N/M/G,PREC,RN>=0/SUMTI
1 N/M/G,PREC,RN>=0/SUMWITI
1 N/M/G,PREC,RN>=0/SUMUI
1 N/M/G,PREC,RN>=0/SUMWIUI
1 N/M/G,PREC,RI>=0/CMAX
1 N/M/G,PREC,RI>=0/LMAX
1 N/M/G,PREC,RI>=0,CN<=DN/CMAX
1 N/M/G,PREC,RI>=0,CI<=DI/CMAX
1 N/M/G,PREC,RI>=0/SUMCI
1 N/M/G,PREC,RI>=0/SUMWICI
1 N/M/G,PREC,RI>=0,CN<=DN/SUMCI
1 N/M/G,PREC,RI>=0,CI<=DI/SUMCI
1 N/M/G,PREC,RI>=0,CN<=DN/SUMWICI
1 N/M/G,PREC,RI>=0,CI<=DI/SUMWICI
1 N/M/G,PREC,RI>=0/SUMTI
1 N/M/G,PREC,RI>=0/SUMWITI
1 N/M/G,PREC,RI>=0/SUMUI
1 N/M/G,PREC,RI>=0/SUMWIUI
* N/2/F,NO WAIT,PI=1/CMAX
* N/2/F,NO WAIT,PI=1/LMAX
* N/2/F,NO WAIT,PI=1,CN<=DN/CMAX
* N/2/F,NO WAIT,PI=1,CI<=DI/CMAX
* N/2/F,NO WAIT,PI=1/SUMCI
* N/2/F,NO WAIT,PI=1/SUMWICI
* N/2/F,NO WAIT,PI=1,CN<=DN/SUMCI
* N/2/F,NO WAIT,PI=1,CI<=DI/SUMCI
* N/2/F,NO WAIT,PI=1,CN<=DN/SUMWICI
* N/2/F,NO WAIT,PI=1,CI<=DI/SUMWICI

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* N/2/F, No WAIT, PI=1/SUMTI
* N/2/F, No WAIT, PI=1/SUMWITI
* N/2/F, No WAIT, PI=1/SUMUI
* N/2/F, No WAIT, PI=1/SUMWIUI
* N/2/F, No WAIT, PI=1, RN>=0/CMAX
* N/2/F, No WAIT, PI=1, RN>=0/LMAX
* N/2/F, No WAIT, PI=1, RN>=0, CN<=DN/CMAX
* N/2/F, No WAIT, PI=1, RN>=0, CI<=DI/CMAX
* N/2/F, No WAIT, PI=1, RN>=0/SUMCI
* N/2/F, No WAIT, PI=1, RN>=0/SUMWICI
* N/2/F, No WAIT, PI=1, RN>=0, CN<=DN/SUMCI
* N/2/F, No WAIT, PI=1, RN>=0, CI<=DI/SUMCI
* N/2/F, No WAIT, PI=1, RN>=0, CN<=DN/SUMWICI
* N/2/F, No WAIT, PI=1, RN>=0, CI<=DI/SUMWICI
* N/2/F, No WAIT, PI=1, RN>=0/SUMTI
* N/2/F, No WAIT, PI=1, RN>=0/SUMWITI
* N/2/F, No WAIT, PI=1, RN>=0/SUMUI
* N/2/F, No WAIT, PI=1, RN>=0/SUMWIUI
* N/2/F, No WAIT, PI=1, RI>=0/CMAX
* N/2/F, No WAIT, PI=1, RI>=0/LMAX
* N/2/F, No WAIT, PI=1, RI>=0, CN<=DN/CMAX
* N/2/F, No WAIT, PI=1, RI>=0, CI<=DI/CMAX
* N/2/F, No WAIT, PI=1, RI>=0/SUMCI
* N/2/F, No WAIT, PI=1, RI>=0/SUMWICI
* N/2/F, No WAIT, PI=1, RI>=0, CN<=DN/SUMCI
* N/2/F, No WAIT, PI=1, RI>=0, CI<=DI/SUMCI
* N/2/F, No WAIT, PI=1, RI>=0, CN<=DN/SUMWICI
* N/2/F, No WAIT, PI=1, RI>=0, CI<=DI/SUMWICI
* N/2/F, No WAIT, PI=1, RI>=0/SUMTI
* N/2/F, No WAIT, PI=1, RI>=0/SUMWITI
* N/2/F, No WAIT, PI=1, RI>=0/SUMUI
* N/2/F, No WAIT, PI=1, RI>=0/SUMWIUI
* N/2/F, No WAIT, PI<=P*/CMAX
? N/2/F, No WAIT, PI<=P*/LMAX
? N/2/F, No WAIT, PI<=P*, CN<=DN/CMAX
? N/2/F, No WAIT, PI<=P*, CI<=DI/CMAX
? N/2/F, No WAIT, PI<=P*/SUMCI
? N/2/F, No WAIT, PI<=P*/SUMWICI
? N/2/F, No WAIT, PI<=P*, CN<=DN/SUMCI
? N/2/F, No WAIT, PI<=P*, CI<=DI/SUMCI
? N/2/F, No WAIT, PI<=P*, CN<=DN/SUMWICI
? N/2/F, No WAIT, PI<=P*, CI<=DI/SUMWICI
? N/2/F, No WAIT, PI<=P*/SUMTI
? N/2/F, No WAIT, PI<=P*/SUMWITI
? N/2/F, No WAIT, PI<=P*/SUMUI
? N/2/F, No WAIT, PI<=P*/SUMWIUI
? N/2/F, No WAIT, PI<=P*, RN>=0/CMAX
? N/2/F, No WAIT, PI<=P*, RN>=0/LMAX
? N/2/F, No WAIT, PI<=P*, RN>=0, CN<=DN/CMAX
? N/2/F, No WAIT, PI<=P*, RN>=0, CI<=DI/CMAX

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? N/2/F, No WAIT, PI<=P*, RN>=0/SUMCI
 ? N/2/F, No WAIT, PI<=P*, RN>=0/SUMWICI
 ? N/2/F, No WAIT, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/2/F, No WAIT, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/2/F, No WAIT, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/2/F, No WAIT, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/2/F, No WAIT, PI<=P*, RN>=0/SUMTI
 ? N/2/F, No WAIT, PI<=P*, RN>=0/SUMWITI
 ? N/2/F, No WAIT, PI<=P*, RN>=0/SUMUI
 ? N/2/F, No WAIT, PI<=P*, RN>=0/SUMWIUI
 ? N/2/F, No WAIT, PI<=P*, RI>=0/CMAX
 ? N/2/F, No WAIT, PI<=P*, RI>=0/LMAX
 ? N/2/F, No WAIT, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/2/F, No WAIT, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/2/F, No WAIT, PI<=P*, RI>=0/SUMCI
 ? N/2/F, No WAIT, PI<=P*, RI>=0/SUMWICI
 ? N/2/F, No WAIT, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/2/F, No WAIT, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/2/F, No WAIT, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/2/F, No WAIT, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/2/F, No WAIT, PI<=P*, RI>=0/SUMTI
 ? N/2/F, No WAIT, PI<=P*, RI>=0/SUMWITI
 ? N/2/F, No WAIT, PI<=P*, RI>=0/SUMUI
 ? N/2/F, No WAIT, PI<=P*, RI>=0/SUMWIUI
 * N/2/F, No WAIT/CMAX
 ? N/2/F, No WAIT/LMAX
 ? N/2/F, No WAIT, CN<=DN/CMAX
 ? N/2/F, No WAIT, CI<=DI/CMAX
 ? N/2/F, No WAIT/SUMCI
 ? N/2/F, No WAIT/SUMWICI
 ? N/2/F, No WAIT, CN<=DN/SUMCI
 ? N/2/F, No WAIT, CI<=DI/SUMCI
 1 N/2/F, No WAIT, CN<=DN/SUMWICI
 1 N/2/F, No WAIT, CI<=DI/SUMWICI
 ? N/2/F, No WAIT/SUMTI
 1 N/2/F, No WAIT/SUMWITI
 ? N/2/F, No WAIT/SUMUI
 1 N/2/F, No WAIT/SUMWIUI
 ? N/2/F, No WAIT, RN>=0/CMAX
 1 N/2/F, No WAIT, RN>=0/LMAX
 1 N/2/F, No WAIT, RN>=0, CN<=DN/CMAX
 1 N/2/F, No WAIT, RN>=0, CI<=DI/CMAX
 1 N/2/F, No WAIT, RN>=0/SUMCI
 1 N/2/F, No WAIT, RN>=0/SUMWICI
 1 N/2/F, No WAIT, RN>=0, CN<=DN/SUMCI
 1 N/2/F, No WAIT, RN>=0, CI<=DI/SUMCI
 1 N/2/F, No WAIT, RN>=0, CN<=DN/SUMWICI
 1 N/2/F, No WAIT, RN>=0, CI<=DI/SUMWICI
 1 N/2/F, No WAIT, RN>=0/SUMTI
 1 N/2/F, No WAIT, RN>=0/SUMWITI


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1 N/2/F,NO WAIT,RN>=0/SUMUI
1 N/2/F,NO WAIT,RN>=0/SUMWUI
? N/2/F,NO WAIT,RI>=0/CMAX
1 N/2/F,NO WAIT,RI>=0/LMAX
1 N/2/F,NO WAIT,RI>=0,CN<=DN/CMAX
1 N/2/F,NO WAIT,RI>=0,CI<=DI/CMAX
1 N/2/F,NO WAIT,RI>=0/SUMCI
1 N/2/F,NO WAIT,RI>=0/SUMWICI
1 N/2/F,NO WAIT,RI>=0,CN<=DN/SUMCI
1 N/2/F,NO WAIT,RI>=0,CI<=DI/SUMCI
1 N/2/F,NO WAIT,RI>=0,CN<=DN/SUMWICI
1 N/2/F,NO WAIT,RI>=0,CI<=DI/SUMWICI
1 N/2/F,NO WAIT,RI>=0/SUMTI
1 N/2/F,NO WAIT,RI>=0/SUMWITI
1 N/2/F,NO WAIT,RI>=0/SUMUI
1 N/2/F,NO WAIT,RI>=0/SUMWUI
* N/2/F,NO WAIT,TREE,PI=1/CMAX
? N/2/F,NO WAIT,TREE,PI=1/LMAX
? N/2/F,NO WAIT,TREE,PI=1,CN<=DN/CMAX
? N/2/F,NO WAIT,TREE,PI=1,CI<=DI/CMAX
? N/2/F,NO WAIT,TREE,PI=1/SUMCI
? N/2/F,NO WAIT,TREE,PI=1/SUMWICI
? N/2/F,NO WAIT,TREE,PI=1,CN<=DN/SUMCI
? N/2/F,NO WAIT,TREE,PI=1,CI<=DI/SUMCI
? N/2/F,NO WAIT,TREE,PI=1,CN<=DN/SUMWICI
? N/2/F,NO WAIT,TREE,PI=1,CI<=DI/SUMWICI
? N/2/F,NO WAIT,TREE,PI=1/SUMTI
? N/2/F,NO WAIT,TREE,PI=1/SUMWITI
? N/2/F,NO WAIT,TREE,PI=1/SUMUI
? N/2/F,NO WAIT,TREE,PI=1/SUMWUI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/CMAX
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/LMAX
? N/2/F,NO WAIT,TREE,PI=1,RN>=0,CN<=DN/CMAX
? N/2/F,NO WAIT,TREE,PI=1,RN>=0,CI<=DI/CMAX
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/SUMCI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/SUMWICI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0,CN<=DN/SUMCI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0,CI<=DI/SUMCI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0,CN<=DN/SUMWICI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0,CI<=DI/SUMWICI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/SUMTI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/SUMWITI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/SUMUI
? N/2/F,NO WAIT,TREE,PI=1,RN>=0/SUMWUI
? N/2/F,NO WAIT,TREE,PI=1,RI>=0/CMAX
? N/2/F,NO WAIT,TREE,PI=1,RI>=0/LMAX
? N/2/F,NO WAIT,TREE,PI=1,RI>=0,CN<=DN/CMAX
? N/2/F,NO WAIT,TREE,PI=1,RI>=0,CI<=DI/CMAX
? N/2/F,NO WAIT,TREE,PI=1,RI>=0/SUMCI
? N/2/F,NO WAIT,TREE,PI=1,RI>=0/SUMWICI

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? N/2/F, NO WAIT, TREE, PI=1, RI>=0, CN<=DN/SUMCI
 ? N/2/F, NO WAIT, TREE, PI=1, RI>=0, CI<=DI/SUMCI
 ? N/2/F, NO WAIT, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI=1, RI>=0/SUMTI
 ? N/2/F, NO WAIT, TREE, PI=1, RI>=0/SUMWITI
 1 N/2/F, NO WAIT, TREE, PI=1, RI>=0/SUMUI
 1 N/2/F, NO WAIT, TREE, PI=1, RI>=0/SUMWIUI
 ? N/2/F, NO WAIT, TREE, PI<=P*/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*/LMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, CN<=DN/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, CI<=DI/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, CN<=DN/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, CI<=DI/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, CN<=DN/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, CI<=DI/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*/SUMTI
 ? N/2/F, NO WAIT, TREE, PI<=P*/SUMWITI
 ? N/2/F, NO WAIT, TREE, PI<=P*/SUMUI
 ? N/2/F, NO WAIT, TREE, PI<=P*/SUMWIUI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/LMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/SUMTI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/SUMWITI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/SUMUI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RN>=0/SUMWIUI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/LMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/SUMTI
 ? N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/SUMWITI
 1 N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/SUMUI
 1 N/2/F, NO WAIT, TREE, PI<=P*, RI>=0/SUMWIUI

? N/2/F, NO WAIT, TREE/CMAX
 ? N/2/F, NO WAIT, TREE/LMAX
 ? N/2/F, NO WAIT, TREE, CN<=DN/CMAX
 ? N/2/F, NO WAIT, TREE, CI<=DI/CMAX
 ? N/2/F, NO WAIT, TREE/SUMCI
 ? N/2/F, NO WAIT, TREE/SUMWICI
 ? N/2/F, NO WAIT, TREE, CN<=DN/SUMCI
 ? N/2/F, NO WAIT, TREE, CI<=DI/SUMCI
 1 N/2/F, NO WAIT, TREE, CN<=DN/SUMWICI
 1 N/2/F, NO WAIT, TREE, CI<=DI/SUMWICI
 ? N/2/F, NO WAIT, TREE/SUMTI
 1 N/2/F, NO WAIT, TREE/SUMWITI
 ? N/2/F, NO WAIT, TREE/SUMUI
 1 N/2/F, NO WAIT, TREE/SUMWUI
 ? N/2/F, NO WAIT, TREE, RN>=0/CMAX
 1 N/2/F, NO WAIT, TREE, RN>=0/LMAX
 1 N/2/F, NO WAIT, TREE, RN>=0, CN<=DN/CMAX
 1 N/2/F, NO WAIT, TREE, RN>=0, CI<=DI/CMAX
 1 N/2/F, NO WAIT, TREE, RN>=0/SUMCI
 1 N/2/F, NO WAIT, TREE, RN>=0/SUMWICI
 1 N/2/F, NO WAIT, TREE, RN>=0, CN<=DN/SUMCI
 1 N/2/F, NO WAIT, TREE, RN>=0, CI<=DI/SUMCI
 1 N/2/F, NO WAIT, TREE, RN>=0, CN<=DN/SUMWICI
 1 N/2/F, NO WAIT, TREE, RN>=0, CI<=DI/SUMWICI
 1 N/2/F, NO WAIT, TREE, RN>=0/SUMTI
 1 N/2/F, NO WAIT, TREE, RN>=0/SUMWITI
 1 N/2/F, NO WAIT, TREE, RN>=0/SUMUI
 1 N/2/F, NO WAIT, TREE, RN>=0/SUMWUI
 ? N/2/F, NO WAIT, TREE, RI>=0/CMAX
 1 N/2/F, NO WAIT, TREE, RI>=0/LMAX
 1 N/2/F, NO WAIT, TREE, RI>=0, CN<=DN/CMAX
 1 N/2/F, NO WAIT, TREE, RI>=0, CI<=DI/CMAX
 1 N/2/F, NO WAIT, TREE, RI>=0/SUMCI
 1 N/2/F, NO WAIT, TREE, RI>=0/SUMWICI
 1 N/2/F, NO WAIT, TREE, RI>=0, CN<=DN/SUMCI
 1 N/2/F, NO WAIT, TREE, RI>=0, CI<=DI/SUMCI
 1 N/2/F, NO WAIT, TREE, RI>=0, CN<=DN/SUMWICI
 1 N/2/F, NO WAIT, TREE, RI>=0, CI<=DI/SUMWICI
 1 N/2/F, NO WAIT, TREE, RI>=0/SUMTI
 1 N/2/F, NO WAIT, TREE, RI>=0/SUMWITI
 1 N/2/F, NO WAIT, TREE, RI>=0/SUMUI
 1 N/2/F, NO WAIT, TREE, RI>=0/SUMWUI
 ? N/2/F, NO WAIT, PREC, PI=1/CMAX
 ? N/2/F, NO WAIT, PREC, PI=1/LMAX
 ? N/2/F, NO WAIT, PREC, PI=1, CN<=DN/CMAX
 ? N/2/F, NO WAIT, PREC, PI=1, CI<=DI/CMAX
 ? N/2/F, NO WAIT, PREC, PI=1/SUMCI
 1 N/2/F, NO WAIT, PREC, PI=1/SUMWICI
 ? N/2/F, NO WAIT, PREC, PI=1, CN<=DN/SUMCI
 ? N/2/F, NO WAIT, PREC, PI=1, CI<=DI/SUMCI


```

1 N/2/F,NO WAIT,PREC,PI=1,CN<=DN/SUMWICI
1 N/2/F,NO WAIT,PREC,PI=1,CI<=DI/SUMWICI
1 N/2/F,NO WAIT,PREC,PI=1/SUMTI
1 N/2/F,NO WAIT,PREC,PI=1/SUMWITI
1 N/2/F,NO WAIT,PREC,PI=1/SUMUI
1 N/2/F,NO WAIT,PREC,PI=1/SUMWIUI
? N/2/F,NO WAIT,PREC,PI=1,RN>=0/CMAX
? N/2/F,NO WAIT,PREC,PI=1,RN>=0/LMAX
? N/2/F,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/CMAX
? N/2/F,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/CMAX
? N/2/F,NO WAIT,PREC,PI=1,RN>=0/SUMCI
1 N/2/F,NO WAIT,PREC,PI=1,RN>=0/SUMWICI
? N/2/F,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/SUMCI
? N/2/F,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/SUMCI
1 N/2/F,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/SUMWICI
1 N/2/F,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/SUMWICI
1 N/2/F,NO WAIT,PREC,PI=1,RN>=0/SUMTI
1 N/2/F,NO WAIT,PREC,PI=1,RN>=0/SUMWITI
1 N/2/F,NO WAIT,PREC,PI=1,RN>=0/SUMUI
1 N/2/F,NO WAIT,PREC,PI=1,RN>=0/SUMWIUI
? N/2/F,NO WAIT,PREC,PI=1,RI>=0/CMAX
? N/2/F,NO WAIT,PREC,PI=1,RI>=0/LMAX
? N/2/F,NO WAIT,PREC,PI=1,RI>=0,CN<=DN/CMAX
? N/2/F,NO WAIT,PREC,PI=1,RI>=0,CI<=DI/CMAX
? N/2/F,NO WAIT,PREC,PI=1,RI>=0/SUMCI
1 N/2/F,NO WAIT,PREC,PI=1,RI>=0/SUMWICI
? N/2/F,NO WAIT,PREC,PI=1,RI>=0,CN<=DN/SUMCI
? N/2/F,NO WAIT,PREC,PI=1,RI>=0,CI<=DI/SUMCI
1 N/2/F,NO WAIT,PREC,PI=1,RI>=0,CN<=DN/SUMWICI
1 N/2/F,NO WAIT,PREC,PI=1,RI>=0,CI<=DI/SUMWICI
1 N/2/F,NO WAIT,PREC,PI=1,RI>=0/SUMTI
1 N/2/F,NO WAIT,PREC,PI=1,RI>=0/SUMWITI
1 N/2/F,NO WAIT,PREC,PI=1,RI>=0/SUMUI
1 N/2/F,NO WAIT,PREC,PI=1,RI>=0/SUMWIUI
? N/2/F,NO WAIT,PREC,PI<=P*/CMAX
? N/2/F,NO WAIT,PREC,PI<=P*/LMAX
? N/2/F,NO WAIT,PREC,PI<=P*,CN<=DN/CMAX
? N/2/F,NO WAIT,PREC,PI<=P*,CI<=DI/CMAX
1 N/2/F,NO WAIT,PREC,PI<=P*/SUMCI
1 N/2/F,NO WAIT,PREC,PI<=P*/SUMWICI
1 N/2/F,NO WAIT,PREC,PI<=P*,CN<=DN/SUMCI
1 N/2/F,NO WAIT,PREC,PI<=P*,CI<=DI/SUMCI
1 N/2/F,NO WAIT,PREC,PI<=P*,CN<=DN/SUMWICI
1 N/2/F,NO WAIT,PREC,PI<=P*,CI<=DI/SUMWICI
1 N/2/F,NO WAIT,PREC,PI<=P*/SUMTI
1 N/2/F,NO WAIT,PREC,PI<=P*/SUMWITI
1 N/2/F,NO WAIT,PREC,PI<=P*/SUMUI
1 N/2/F,NO WAIT,PREC,PI<=P*/SUMWIUI
? N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/CMAX
? N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/LMAX

```


? N/2/F,NO WAIT,PREC,PI<=P*,RN>=0,CN<=DN/CMAX
 ? N/2/F,NO WAIT,PREC,PI<=P*,RN>=0,CI<=DI/CMAX
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/SUMCI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/SUMWICI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/SUMTI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/SUMWITI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/SUMUI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RN>=0/SUMWIUI
 ? N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/CMAX
 ? N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/LMAX
 ? N/2/F,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/CMAX
 ? N/2/F,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/CMAX
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMCI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMWICI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMTI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMWITI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMUI
 1 N/2/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMWIUI
 ? N/2/F,NO WAIT,PREC/CMAX
 ? N/2/F,NO WAIT,PREC/LMAX
 ? N/2/F,NO WAIT,PREC,CN<=DN/CMAX
 ? N/2/F,NO WAIT,PREC,CI<=DI/CMAX
 1 N/2/F,NO WAIT,PREC/SUMCI
 1 N/2/F,NO WAIT,PREC/SUMWICI
 1 N/2/F,NO WAIT,PREC,CN<=DN/SUMCI
 1 N/2/F,NO WAIT,PREC,CI<=DI/SUMCI
 1 N/2/F,NO WAIT,PREC,CN<=DN/SUMWICI
 1 N/2/F,NO WAIT,PREC,CI<=DI/SUMWICI
 1 N/2/F,NO WAIT,PREC/SUMTI
 1 N/2/F,NO WAIT,PREC/SUMWITI
 1 N/2/F,NO WAIT,PREC/SUMUI
 1 N/2/F,NO WAIT,PREC/SUMWIUI
 ? N/2/F,NO WAIT,PREC,RN>=0/CMAX
 1 N/2/F,NO WAIT,PREC,RN>=0/LMAX
 1 N/2/F,NO WAIT,PREC,RN>=0,CN<=DN/CMAX
 1 N/2/F,NO WAIT,PREC,RN>=0,CI<=DI/CMAX
 1 N/2/F,NO WAIT,PREC,RN>=0/SUMCI
 1 N/2/F,NO WAIT,PREC,RN>=0/SUMWICI
 1 N/2/F,NO WAIT,PREC,RN>=0,CN<=DN/SUMCI
 1 N/2/F,NO WAIT,PREC,RN>=0,CI<=DI/SUMCI
 1 N/2/F,NO WAIT,PREC,RN>=0,CN<=DN/SUMWICI
 1 N/2/F,NO WAIT,PREC,RN>=0,CI<=DI/SUMWICI


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1 N/2/F,NO WAIT,PREC,RN>=0/SUMTI
1 N/2/F,NO WAIT,PREC,RN>=0/SUMWITI
1 N/2/F,NO WAIT,PREC,RN>=0/SUMUI
1 N/2/F,NO WAIT,PREC,RN>=0/SUMWIUI
? N/2/F,NO WAIT,PREC,RI>=0/CMAX
1 N/2/F,NO WAIT,PREC,RI>=0/LMAX
1 N/2/F,NO WAIT,PREC,RI>=0,CN<=DN/CMAX
1 N/2/F,NO WAIT,PREC,RI>=0,CI<=DI/CMAX
1 N/2/F,NO WAIT,PREC,RI>=0/SUMCI
1 N/2/F,NO WAIT,PREC,RI>=0/SUMWICI
1 N/2/F,NO WAIT,PREC,RI>=0,CN<=DN/SUMCI
1 N/2/F,NO WAIT,PREC,RI>=0,CI<=DI/SUMCI
1 N/2/F,NO WAIT,PREC,RI>=0,CN<=DN/SUMWICI
1 N/2/F,NO WAIT,PREC,RI>=0,CI<=DI/SUMWICI
1 N/2/F,NO WAIT,PREC,RI>=0/SUMTI
1 N/2/F,NO WAIT,PREC,RI>=0/SUMWITI
1 N/2/F,NO WAIT,PREC,RI>=0/SUMUI
1 N/2/F,NO WAIT,PREC,RI>=0/SUMWIUI
* N/M/F,NO WAIT,PI=1/CMAX
* N/M/F,NO WAIT,PI=1/LMAX
* N/M/F,NO WAIT,PI=1,CN<=DN/CMAX
* N/M/F,NO WAIT,PI=1,CI<=DI/CMAX
* N/M/F,NO WAIT,PI=1/SUMCI
* N/M/F,NO WAIT,PI=1/SUMWICI
* N/M/F,NO WAIT,PI=1,CN<=DN/SUMCI
* N/M/F,NO WAIT,PI=1,CI<=DI/SUMCI
* N/M/F,NO WAIT,PI=1,CN<=DN/SUMWICI
* N/M/F,NO WAIT,PI=1,CI<=DI/SUMWICI
* N/M/F,NO WAIT,PI=1/SUMTI
* N/M/F,NO WAIT,PI=1/SUMWITI
* N/M/F,NO WAIT,PI=1/SUMUI
* N/M/F,NO WAIT,PI=1/SUMWIUI
* N/M/F,NO WAIT,PI=1,RN>=0/CMAX
* N/M/F,NO WAIT,PI=1,RN>=0/LMAX
* N/M/F,NO WAIT,PI=1,RN>=0,CN<=DN/CMAX
* N/M/F,NO WAIT,PI=1,RN>=0,CI<=DI/CMAX
* N/M/F,NO WAIT,PI=1,RN>=0/SUMCI
* N/M/F,NO WAIT,PI=1,RN>=0/SUMWICI
* N/M/F,NO WAIT,PI=1,RN>=0,CN<=DN/SUMCI
* N/M/F,NO WAIT,PI=1,RN>=0,CI<=DI/SUMCI
* N/M/F,NO WAIT,PI=1,RN>=0,CN<=DN/SUMWICI
* N/M/F,NO WAIT,PI=1,RN>=0,CI<=DI/SUMWICI
* N/M/F,NO WAIT,PI=1,RN>=0/SUMTI
* N/M/F,NO WAIT,PI=1,RN>=0/SUMWITI
* N/M/F,NO WAIT,PI=1,RN>=0/SUMUI
* N/M/F,NO WAIT,PI=1,RN>=0/SUMWIUI
* N/M/F,NO WAIT,PI=1,RI>=0/CMAX
* N/M/F,NO WAIT,PI=1,RI>=0/LMAX
* N/M/F,NO WAIT,PI=1,RI>=0,CN<=DN/CMAX
* N/M/F,NO WAIT,PI=1,RI>=0,CI<=DI/CMAX

```



```

* N/M/F, No WAIT, PI=1, RI>=0/SUMCI
* N/M/F, No WAIT, PI=1, RI>=0/SUMWICI
* N/M/F, No WAIT, PI=1, RI>=0, CN<=DN/SUMCI
* N/M/F, No WAIT, PI=1, RI>=0, CI<=DI/SUMCI
* N/M/F, No WAIT, PI=1, RI>=0, CN<=DN/SUMWICI
* N/M/F, No WAIT, PI=1, RI>=0, CI<=DI/SUMWICI
* N/M/F, No WAIT, PI=1, RI>=0/SUMTI
* N/M/F, No WAIT, PI=1, RI>=0/SUMWITI
* N/M/F, No WAIT, PI=1, RI>=0/SUMUI
* N/M/F, No WAIT, PI=1, RI>=0/SUMWIUI
1 N/M/F, No WAIT, PI<=P*/CMAX
1 N/M/F, No WAIT, PI<=P*/LMAX
1 N/M/F, No WAIT, PI<=P*, CN<=DN/CMAX
1 N/M/F, No WAIT, PI<=P*, CI<=DI/CMAX
1 N/M/F, No WAIT, PI<=P*/SUMCI
1 N/M/F, No WAIT, PI<=P*/SUMWICI
1 N/M/F, No WAIT, PI<=P*, CN<=DN/SUMCI
1 N/M/F, No WAIT, PI<=P*, CI<=DI/SUMCI
1 N/M/F, No WAIT, PI<=P*, CN<=DN/SUMWICI
1 N/M/F, No WAIT, PI<=P*, CI<=DI/SUMWICI
1 N/M/F, No WAIT, PI<=P*/SUMTI
1 N/M/F, No WAIT, PI<=P*/SUMWITI
1 N/M/F, No WAIT, PI<=P*/SUMUI
1 N/M/F, No WAIT, PI<=P*/SUMWIUI
1 N/M/F, No WAIT, PI<=P*, RN>=0/CMAX
1 N/M/F, No WAIT, PI<=P*, RN>=0/LMAX
1 N/M/F, No WAIT, PI<=P*, RN>=0, CN<=DN/CMAX
1 N/M/F, No WAIT, PI<=P*, RN>=0, CI<=DI/CMAX
1 N/M/F, No WAIT, PI<=P*, RN>=0/SUMCI
1 N/M/F, No WAIT, PI<=P*, RN>=0/SUMWICI
1 N/M/F, No WAIT, PI<=P*, RN>=0, CN<=DN/SUMCI
1 N/M/F, No WAIT, PI<=P*, RN>=0, CI<=DI/SUMCI
1 N/M/F, No WAIT, PI<=P*, RN>=0, CN<=DN/SUMWICI
1 N/M/F, No WAIT, PI<=P*, RN>=0, CI<=DI/SUMWICI
1 N/M/F, No WAIT, PI<=P*, RN>=0/SUMTI
1 N/M/F, No WAIT, PI<=P*, RN>=0/SUMWITI
1 N/M/F, No WAIT, PI<=P*, RN>=0/SUMUI
1 N/M/F, No WAIT, PI<=P*, RN>=0/SUMWIUI
1 N/M/F, No WAIT, PI<=P*, RI>=0/CMAX
1 N/M/F, No WAIT, PI<=P*, RI>=0/LMAX
1 N/M/F, No WAIT, PI<=P*, RI>=0, CN<=DN/CMAX
1 N/M/F, No WAIT, PI<=P*, RI>=0, CI<=DI/CMAX
1 N/M/F, No WAIT, PI<=P*, RI>=0/SUMCI
1 N/M/F, No WAIT, PI<=P*, RI>=0/SUMWICI
1 N/M/F, No WAIT, PI<=P*, RI>=0, CN<=DN/SUMCI
1 N/M/F, No WAIT, PI<=P*, RI>=0, CI<=DI/SUMCI
1 N/M/F, No WAIT, PI<=P*, RI>=0, CN<=DN/SUMWICI
1 N/M/F, No WAIT, PI<=P*, RI>=0, CI<=DI/SUMWICI
1 N/M/F, No WAIT, PI<=P*, RI>=0/SUMTI
1 N/M/F, No WAIT, PI<=P*, RI>=0/SUMWITI

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1 N/M/F,NO WAIT,PI<=P*,RI>=0/SUMUI
1 N/M/F,NO WAIT,PI<=P*,RI>=0/SUMWUI
1 N/M/F,NO WAIT/CMAX
1 N/M/F,NO WAIT/LMAX
1 N/M/F,NO WAIT,CN<=DN/CMAX
1 N/M/F,NO WAIT,CI<=DI/CMAX
1 N/M/F,NO WAIT/SUMCI
1 N/M/F,NO WAIT/SUMWICI
1 N/M/F,NO WAIT,CN<=DN/SUMCI
1 N/M/F,NO WAIT,CI<=DI/SUMCI
1 N/M/F,NO WAIT,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,CI<=DI/SUMWICI
1 N/M/F,NO WAIT/SUMTI
1 N/M/F,NO WAIT/SUMWITI
1 N/M/F,NO WAIT/SUMUI
1 N/M/F,NO WAIT/SUMWUI
1 N/M/F,NO WAIT,RN>=0/CMAX
1 N/M/F,NO WAIT,RN>=0/LMAX
1 N/M/F,NO WAIT,RN>=0,CN<=DN/CMAX
1 N/M/F,NO WAIT,RN>=0,CI<=DI/CMAX
1 N/M/F,NO WAIT,RN>=0/SUMCI
1 N/M/F,NO WAIT,RN>=0/SUMWICI
1 N/M/F,NO WAIT,RN>=0,CN<=DN/SUMCI
1 N/M/F,NO WAIT,RN>=0,CI<=DI/SUMCI
1 N/M/F,NO WAIT,RN>=0,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,RN>=0,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,RN>=0/SUMTI
1 N/M/F,NO WAIT,RN>=0/SUMWITI
1 N/M/F,NO WAIT,RN>=0/SUMUI
1 N/M/F,NO WAIT,RN>=0/SUMWUI
1 N/M/F,NO WAIT,RI>=0/CMAX
1 N/M/F,NO WAIT,RI>=0/LMAX
1 N/M/F,NO WAIT,RI>=0,CN<=DN/CMAX
1 N/M/F,NO WAIT,RI>=0,CI<=DI/CMAX
1 N/M/F,NO WAIT,RI>=0/SUMCI
1 N/M/F,NO WAIT,RI>=0/SUMWICI
1 N/M/F,NO WAIT,RI>=0,CN<=DN/SUMCI
1 N/M/F,NO WAIT,RI>=0,CI<=DI/SUMCI
1 N/M/F,NO WAIT,RI>=0,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,RI>=0,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,RI>=0/SUMTI
1 N/M/F,NO WAIT,RI>=0/SUMWITI
1 N/M/F,NO WAIT,RI>=0/SUMUI
1 N/M/F,NO WAIT,RI>=0/SUMWUI
? N/M/F,NO WAIT,TREE,PI=1/CMAX
? N/M/F,NO WAIT,TREE,PI=1/LMAX
? N/M/F,NO WAIT,TREE,PI=1,CN<=DN/CMAX
? N/M/F,NO WAIT,TREE,PI=1,CI<=DI/CMAX
? N/M/F,NO WAIT,TREE,PI=1/SUMCI
? N/M/F,NO WAIT,TREE,PI=1/SUMWICI

```


? N/M/F, NO WAIT, TREE, PI=1, CN<=DN/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, CI<=DI/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, CN<=DN/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1, CI<=DI/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1/SUMTI
 ? N/M/F, NO WAIT, TREE, PI=1/SUMWITI
 ? N/M/F, NO WAIT, TREE, PI=1/SUMUI
 ? N/M/F, NO WAIT, TREE, PI=1/SUMWIUI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/CMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/LMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0, CN<=DN/CMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0, CI<=DI/CMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0, CN<=DN/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0, CI<=DI/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0, CN<=DN/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0, CI<=DI/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/SUMTI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/SUMWITI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/SUMUI
 ? N/M/F, NO WAIT, TREE, PI=1, RV>=0/SUMWIUI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/CMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/LMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0, CN<=DN/CMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0, CI<=DI/CMAX
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0, CN<=DN/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0, CI<=DI/SUMCI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/SUMTI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/SUMWITI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/SUMUI
 ? N/M/F, NO WAIT, TREE, PI=1, RI>=0/SUMWIUI
 ? N/M/F, NO WAIT, TREE, PI<=P*/CMAX
 ? N/M/F, NO WAIT, TREE, PI<=P*/LMAX
 ? N/M/F, NO WAIT, TREE, PI<=P*, CN<=DN/CMAX
 ? N/M/F, NO WAIT, TREE, PI<=P*, CI<=DI/CMAX
 ? N/M/F, NO WAIT, TREE, PI<=P*/SUMCI
 ? N/M/F, NO WAIT, TREE, PI<=P*/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI<=P*, CN<=DN/SUMCI
 ? N/M/F, NO WAIT, TREE, PI<=P*, CI<=DI/SUMCI
 ? N/M/F, NO WAIT, TREE, PI<=P*, CN<=DN/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI<=P*, CI<=DI/SUMWICI
 ? N/M/F, NO WAIT, TREE, PI<=P*/SUMTI
 ? N/M/F, NO WAIT, TREE, PI<=P*/SUMWITI
 ? N/M/F, NO WAIT, TREE, PI<=P*/SUMUI
 ? N/M/F, NO WAIT, TREE, PI<=P*/SUMWIUI

1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/CMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/LMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/SUMCI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/SUMWICI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/SUMTI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/SUMWITI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/SUMUI
 1 N/M/F, No WAIT, TREE, PI<=P*, RN>=0/SUMWIUI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/CMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/LMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/SUMCI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/SUMWICI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/SUMTI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/SUMWITI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/SUMUI
 1 N/M/F, No WAIT, TREE, PI<=P*, RI>=0/SUMWIUI
 1 N/M/F, No WAIT, TREE/CMAX
 1 N/M/F, No WAIT, TREE/LMAX
 1 N/M/F, No WAIT, TREE, CN<=DN/CMAX
 1 N/M/F, No WAIT, TREE, CI<=DI/CMAX
 1 N/M/F, No WAIT, TREE/SUMCI
 1 N/M/F, No WAIT, TREE/SUMWICI
 1 N/M/F, No WAIT, TREE, CN<=DN/SUMCI
 1 N/M/F, No WAIT, TREE, CI<=DI/SUMCI
 1 N/M/F, No WAIT, TREE, CN<=DN/SUMWICI
 1 N/M/F, No WAIT, TREE, CI<=DI/SUMWICI
 1 N/M/F, No WAIT, TREE/SUMTI
 1 N/M/F, No WAIT, TREE/SUMWITI
 1 N/M/F, No WAIT, TREE/SUMUI
 1 N/M/F, No WAIT, TREE/SUMWIUI
 1 N/M/F, No WAIT, TREE, RN>=0/CMAX
 1 N/M/F, No WAIT, TREE, RN>=0/LMAX
 1 N/M/F, No WAIT, TREE, RN>=0, CN<=DN/CMAX
 1 N/M/F, No WAIT, TREE, RN>=0, CI<=DI/CMAX
 1 N/M/F, No WAIT, TREE, RN>=0/SUMCI
 1 N/M/F, No WAIT, TREE, RN>=0/SUMWICI
 1 N/M/F, No WAIT, TREE, RN>=0, CN<=DN/SUMCI
 1 N/M/F, No WAIT, TREE, RN>=0, CI<=DI/SUMCI


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1 N/M/F,NO WAIT,TREF,RN>=0,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,TREE,RN>=0,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,TREE,RN>=0/SUMTI
1 N/M/F,NO WAIT,TREE,RN>=0/SUMWITI
1 N/M/F,NO WAIT,TREE,RN>=0/SUMUI
1 N/M/F,NO WAIT,TREE,RN>=0/SUMWIUI
1 N/M/F,NO WAIT,TREE,RI>=0/CMAX
1 N/M/F,NO WAIT,TREE,RI>=0/LMAX
1 N/M/F,NO WAIT,TREE,RI>=0,CN<=DN/CMAX
1 N/M/F,NO WAIT,TREE,RI>=0,CI<=DI/CMAX
1 N/M/F,NO WAIT,TREE,RI>=0/SUMCI
1 N/M/F,NO WAIT,TREE,RI>=0/SUMWICI
1 N/M/F,NO WAIT,TREE,RI>=0,CN<=DN/SUMCI
1 N/M/F,NO WAIT,TREE,RI>=0,CI<=DI/SUMCI
1 N/M/F,NO WAIT,TREE,RI>=0,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,TREE,RI>=0,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,TREF,RI>=0/SUMTI
1 N/M/F,NO WAIT,TREE,RI>=0/SUMWITI
1 N/M/F,NO WAIT,TREE,RI>=0/SUMUI
1 N/M/F,NO WAIT,TREE,RI>=0/SUMWIUI
? N/M/F,NO WAIT,PREC,PI=1/CMAX
? N/M/F,NO WAIT,PREC,PI=1/LMAX
? N/M/F,NO WAIT,PREC,PI=1,CN<=DN/CMAX
? N/M/F,NO WAIT,PREC,PI=1,CI<=DI/CMAX
? N/M/F,NO WAIT,PREC,PI=1/SUMCI
1 N/M/F,NO WAIT,PREC,PI=1/SUMWICI
? N/M/F,NO WAIT,PREC,PI=1,CN<=DN/SUMCI
? N/M/F,NO WAIT,PREC,PI=1,CI<=DI/SUMCI
1 N/M/F,NO WAIT,PREC,PI=1,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,PREC,PI=1,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,PREC,PI=1/SUMTI
1 N/M/F,NO WAIT,PREC,PI=1/SUMWITI
1 N/M/F,NO WAIT,PREC,PI=1/SUMUI
1 N/M/F,NO WAIT,PREC,PI=1/SUMWIUI
? N/M/F,NO WAIT,PREC,PI=1,RN>=0/CMAX
? N/M/F,NO WAIT,PREC,PI=1,RN>=0/LMAX
? N/M/F,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/CMAX
? N/M/F,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/CMAX
? N/M/F,NO WAIT,PREC,PI=1,RN>=0/SUMCI
1 N/M/F,NO WAIT,PREC,PI=1,RN>=0/SUMWICI
? N/M/F,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/SUMCI
? N/M/F,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/SUMCI
1 N/M/F,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,PREC,PI=1,RN>=0/SUMTI
1 N/M/F,NO WAIT,PREC,PI=1,RN>=0/SUMWITI
1 N/M/F,NO WAIT,PREC,PI=1,RN>=0/SUMUI
1 N/M/F,NO WAIT,PREC,PI=1,RN>=0/SUMWIUI
? N/M/F,NO WAIT,PREC,PI=1,RI>=0/CMAX
? N/M/F,NO WAIT,PREC,PI=1,RI>=0/LMAX

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? N/M/F, NO WAIT, PREC, PI=1, RI>=0, CN<=DN/CMAX
 ? N/M/F, NO WAIT, PREC, PI=1, RI>=0, CI<=DI/CMAX
 ? N/M/F, NO WAIT, PREC, PI=1, RI>=0/SUMCI
 1 N/M/F, NO WAIT, PREC, PI=1, RI>=0/SUMWICI
 ? N/M/F, NO WAIT, PREC, PI=1, RI>=0, CN<=DN/SUMCI
 ? N/M/F, NO WAIT, PREC, PI=1, RI>=0, CI<=DI/SUMCI
 1 N/M/F, NO WAIT, PREC, PI=1, RI>=0, CN<=DN/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI=1, RI>=0, CI<=DI/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI=1, RI>=0/SUMTI
 1 N/M/F, NO WAIT, PREC, PI=1, RI>=0/SUMWITI
 1 N/M/F, NO WAIT, PREC, PI=1, RI>=0/SUMUI
 1 N/M/F, NO WAIT, PREC, PI=1, RI>=0/SUMWIUI
 1 N/M/F, NO WAIT, PREC, PI<=P*/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*/LMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, CN<=DN/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, CI<=DI/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*, CN<=DN/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, CI<=DI/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, CN<=DN/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*, CI<=DI/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*/SUMTI
 1 N/M/F, NO WAIT, PREC, PI<=P*/SUMWITI
 1 N/M/F, NO WAIT, PREC, PI<=P*/SUMUI
 1 N/M/F, NO WAIT, PREC, PI<=P*/SUMWIUI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/LMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0, CN<=DN/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0, CI<=DI/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0, CN<=DN/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0, CI<=DI/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0, CN<=DN/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0, CI<=DI/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/SUMTI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/SUMWITI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/SUMUI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RN>=0/SUMWIUI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0/LMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0, CN<=DN/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0, CI<=DI/CMAX
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0, CN<=DN/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0, CI<=DI/SUMCI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0, CN<=DN/SUMWICI
 1 N/M/F, NO WAIT, PREC, PI<=P*, RI>=0, CI<=DI/SUMWICI


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1 N/M/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMTI
1 N/M/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMWITI
1 N/M/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMUI
1 N/M/F,NO WAIT,PREC,PI<=P*,RI>=0/SUMWIUI
1 N/M/F,NO WAIT,PREC/CMAX
1 N/M/F,NO WAIT,PREC/LMAX
1 N/M/F,NO WAIT,PREC,CN<=DN/CMAX
1 N/M/F,NO WAIT,PREC,CI<=DI/CMAX
1 N/M/F,NO WAIT,PREC/SUMCI
1 N/M/F,NO WAIT,PREC/SUMWICI
1 N/M/F,NO WAIT,PREC,CN<=DN/SUMCI
1 N/M/F,NO WAIT,PREC,CI<=DI/SUMCI
1 N/M/F,NO WAIT,PREC,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,PREC,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,PREC/SUMTI
1 N/M/F,NO WAIT,PREC/SUMWITI
1 N/M/F,NO WAIT,PREC/SUMUI
1 N/M/F,NO WAIT,PREC/SUMWIUI
1 N/M/F,NO WAIT,PREC,RN>=0/CMAX
1 N/M/F,NO WAIT,PREC,RN>=0/LMAX
1 N/M/F,NO WAIT,PREC,RN>=0,CN<=DN/CMAX
1 N/M/F,NO WAIT,PREC,RN>=0,CI<=DI/CMAX
1 N/M/F,NO WAIT,PREC,RN>=0/SUMCI
1 N/M/F,NO WAIT,PREC,RN>=0/SUMWICI
1 N/M/F,NO WAIT,PREC,RN>=0,CN<=DN/SUMCI
1 N/M/F,NO WAIT,PREC,RN>=0,CI<=DI/SUMCI
1 N/M/F,NO WAIT,PREC,RN>=0,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,PREC,RN>=0,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,PREC,RN>=0/SUMTI
1 N/M/F,NO WAIT,PREC,RN>=0/SUMWITI
1 N/M/F,NO WAIT,PREC,RN>=0/SUMUI
1 N/M/F,NO WAIT,PREC,RN>=0/SUMWIUI
1 N/M/F,NO WAIT,PREC,RI>=0/CMAX
1 N/M/F,NO WAIT,PREC,RI>=0/LMAX
1 N/M/F,NO WAIT,PREC,RI>=0,CN<=DN/CMAX
1 N/M/F,NO WAIT,PREC,RI>=0,CI<=DI/CMAX
1 N/M/F,NO WAIT,PREC,RI>=0/SUMCI
1 N/M/F,NO WAIT,PREC,RI>=0/SUMWICI
1 N/M/F,NO WAIT,PREC,RI>=0,CN<=DN/SUMCI
1 N/M/F,NO WAIT,PREC,RI>=0,CI<=DI/SUMCI
1 N/M/F,NO WAIT,PREC,RI>=0,CN<=DN/SUMWICI
1 N/M/F,NO WAIT,PREC,RI>=0,CI<=DI/SUMWICI
1 N/M/F,NO WAIT,PREC,RI>=0/SUMTI
1 N/M/F,NO WAIT,PREC,RI>=0/SUMWITI
1 N/M/F,NO WAIT,PREC,RI>=0/SUMUI
1 N/M/F,NO WAIT,PREC,RI>=0/SUMWIUI
1 N/2/G,NO WAIT,PI=1/CMAX
1 N/2/G,NO WAIT,PI=1/LMAX
1 N/2/G,NO WAIT,PI=1,CN<=DN/CMAX
1 N/2/G,NO WAIT,PI=1,CI<=DI/CMAX

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? N/2/G,NO WAIT,PI=1/SUMCI
 1 N/2/G,NO WAIT,PI=1/SUMWICI
 ? N/2/G,NO WAIT,PI=1,CN<=DN/SUMCI
 1 N/2/G,NO WAIT,PI=1,CI<=DI/SUMCI
 1 N/2/G,NO WAIT,PI=1,CN<=DN/SUMWICI
 1 N/2/G,NO WAIT,PI=1,CI<=DI/SUMWICI
 1 N/2/G,NO WAIT,PI=1/SUMTI
 1 N/2/G,NO WAIT,PI=1/SUMWITI
 1 N/2/G,NO WAIT,PI=1/SUMUI
 1 N/2/G,NO WAIT,PI=1/SUMWIUI
 1 N/2/G,NO WAIT,PI=1,RN>=0/CMAX
 1 N/2/G,NO WAIT,PI=1,RN>=0/LMAX
 1 N/2/G,NO WAIT,PI=1,RN>=0,CN<=DN/CMAX
 1 N/2/G,NO WAIT,PI=1,RN>=0,CI<=DI/CMAX
 ? N/2/G,NO WAIT,PI=1,RN>=0/SUMCI
 1 N/2/G,NO WAIT,PI=1,RN>=0/SUMWICI
 ? N/2/G,NO WAIT,PI=1,RN>=0,CN<=DN/SUMCI
 1 N/2/G,NO WAIT,PI=1,RN>=0,CI<=DI/SUMCI
 1 N/2/G,NO WAIT,PI=1,RN>=0,CN<=DN/SUMWICI
 1 N/2/G,NO WAIT,PI=1,RN>=0,CI<=DI/SUMWICI
 1 N/2/G,NO WAIT,PI=1,RN>=0/SUMTI
 1 N/2/G,NO WAIT,PI=1,RN>=0/SUMWITI
 1 N/2/G,NO WAIT,PI=1,RN>=0/SUMUI
 1 N/2/G,NO WAIT,PI=1,RN>=0/SUMWIUI
 1 N/2/G,NO WAIT,PI=1,RI>=0/CMAX
 1 N/2/G,NO WAIT,PI=1,RI>=0/LMAX
 1 N/2/G,NO WAIT,PI=1,RI>=0,CN<=DN/CMAX
 1 N/2/G,NO WAIT,PI=1,RI>=0,CI<=DI/CMAX
 ? N/2/G,NO WAIT,PI=1,RI>=0/SUMCI
 1 N/2/G,NO WAIT,PI=1,RI>=0/SUMWICI
 ? N/2/G,NO WAIT,PI=1,RI>=0,CN<=DN/SUMCI
 1 N/2/G,NO WAIT,PI=1,RI>=0,CI<=DI/SUMCI
 1 N/2/G,NO WAIT,PI=1,RI>=0,CN<=DN/SUMWICI
 1 N/2/G,NO WAIT,PI=1,RI>=0,CI<=DI/SUMWICI
 1 N/2/G,NO WAIT,PI=1,RI>=0/SUMTI
 1 N/2/G,NO WAIT,PI=1,RI>=0/SUMWITI
 1 N/2/G,NO WAIT,PI=1,RI>=0/SUMUI
 1 N/2/G,NO WAIT,PI=1,RI>=0/SUMWIUI
 1 N/2/G,NO WAIT,PI<=P*/CMAX
 1 N/2/G,NO WAIT,PI<=P*/LMAX
 1 N/2/G,NO WAIT,PI<=P*,CN<=DN/CMAX
 1 N/2/G,NO WAIT,PI<=P*,CI<=DI/CMAX
 ? N/2/G,NO WAIT,PI<=P*/SUMCI
 1 N/2/G,NO WAIT,PI<=P*/SUMWICI
 ? N/2/G,NO WAIT,PI<=P*,CN<=DN/SUMCI
 1 N/2/G,NO WAIT,PI<=P*,CI<=DI/SUMCI
 1 N/2/G,NO WAIT,PI<=P*,CN<=DN/SUMWICI
 1 N/2/G,NO WAIT,PI<=P*,CI<=DI/SUMWICI
 1 N/2/G,NO WAIT,PI<=P*/SUMTI
 1 N/2/G,NO WAIT,PI<=P*/SUMWITI


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1 N/2/G,NO WAIT,PI<=P*/SUMUI
1 N/2/G,NO WAIT,PI<=P*/SUMWUI
1 N/2/G,NO WAIT,PI<=P*,RN>=0/CMAX
1 N/2/G,NO WAIT,PI<=P*,RN>=0/LMAX
1 N/2/G,NO WAIT,PI<=P*,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PI<=P*,RN>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,PI<=P*,RN>=0/SUMCI
1 N/2/G,NO WAIT,PI<=P*,RN>=0/SUMWICI
? N/2/G,NO WAIT,PI<=P*,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PI<=P*,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PI<=P*,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PI<=P*,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PI<=P*,RN>=0/SUMTI
1 N/2/G,NO WAIT,PI<=P*,RN>=0/SUMWITI
1 N/2/G,NO WAIT,PI<=P*,RN>=0/SUMUI
1 N/2/G,NO WAIT,PI<=P*,RN>=0/SUMWUI
1 N/2/G,NO WAIT,PI<=P*,RI>=0/CMAX
1 N/2/G,NO WAIT,PI<=P*,RI>=0/LMAX
1 N/2/G,NO WAIT,PI<=P*,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PI<=P*,RI>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,PI<=P*,RI>=0/SUMCI
1 N/2/G,NO WAIT,PI<=P*,RI>=0/SUMWICI
? N/2/G,NO WAIT,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PI<=P*,RI>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PI<=P*,RI>=0/SUMTI
1 N/2/G,NO WAIT,PI<=P*,RI>=0/SUMWITI
1 N/2/G,NO WAIT,PI<=P*,RI>=0/SUMUI
1 N/2/G,NO WAIT,PI<=P*,RI>=0/SUMWUI
1 N/2/G,NO WAIT/CMAX
1 N/2/G,NO WAIT/LMAX
1 N/2/G,NO WAIT,CN<=DN/CMAX
1 N/2/G,NO WAIT,CI<=DI/CMAX
1 N/2/G,NO WAIT/SUMCI
1 N/2/G,NO WAIT/SUMWICI
1 N/2/G,NO WAIT,CN<=DN/SUMCI
1 N/2/G,NO WAIT,CI<=DI/SUMCI
1 N/2/G,NO WAIT,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,CI<=DI/SUMWICI
1 N/2/G,NO WAIT/SUMTI
1 N/2/G,NO WAIT/SUMWITI
1 N/2/G,NO WAIT/SUMUI
1 N/2/G,NO WAIT/SUMWUI
1 N/2/G,NO WAIT,RN>=0/CMAX
1 N/2/G,NO WAIT,RN>=0/LMAX
1 N/2/G,NO WAIT,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,RN>=0,CI<=DI/CMAX
1 N/2/G,NO WAIT,RN>=0/SUMCI
1 N/2/G,NO WAIT,RN>=0/SUMWICI

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1 N/2/G,NO WAIT,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,RN>=0/SUMTI
1 N/2/G,NO WAIT,RN>=0/SUMWITI
1 N/2/G,NO WAIT,RN>=0/SUMUI
1 N/2/G,NO WAIT,RN>=0/SUMWUI
1 N/2/G,NO WAIT,PI>=0/CMAX
1 N/2/G,NO WAIT,RI>=0/LMAX
1 N/2/G,NO WAIT,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,RI>=0,CI<=DI/CMAX
1 N/2/G,NO WAIT,RI>=0/SUMCI
1 N/2/G,NO WAIT,RI>=0/SUMWICI
1 N/2/G,NO WAIT,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,RI>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,RI>=0/SUMTI
1 N/2/G,NO WAIT,RI>=0/SUMWITI
1 N/2/G,NO WAIT,PI>=0/SUMUI
1 N/2/G,NO WAIT,PI>=0/SUMWUI
1 N/2/G,NO WAIT,TREE,PI=1/CMAX
1 N/2/G,NO WAIT,TREE,PI=1/LMAX
1 N/2/G,NO WAIT,TREE,PI=1,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,PI=1,CI<=DI/CMAX
? N/2/G,NO WAIT,TREE,PI=1/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1/SUMWICI
? N/2/G,NO WAIT,TREE,PI=1,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,PI=1,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,PI=1/SUMTI
1 N/2/G,NO WAIT,TREE,PI=1/SUMWITI
1 N/2/G,NO WAIT,TREE,PI=1/SUMUI
1 N/2/G,NO WAIT,TREE,PI=1/SUMWUI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0/CMAX
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0/LMAX
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,TREE,PI=1,RN>=0/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0/SUMWICI
? N/2/G,NO WAIT,TREE,PI=1,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0/SUMTI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0/SUMWITI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0/SUMUI
1 N/2/G,NO WAIT,TREE,PI=1,RN>=0/SUMWUI

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1 N/2/G,NO WAIT,TREE,PI=1,RI>=0/CMAX
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0/LMAX
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,TREE,PI=1,RI>=0/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0/SUMWICI
? N/2/G,NO WAIT,TREE,PI=1,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0/SUMTI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0/SUMWITI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0/SUMUI
1 N/2/G,NO WAIT,TREE,PI=1,RI>=0/SUMWIUI
1 N/2/G,NO WAIT,TREE,PI<=P*/CMAX
1 N/2/G,NO WAIT,TREE,PI<=P*/LMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,CI<=DI/CMAX
? N/2/G,NO WAIT,TREE,PI<=P*/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*/SUMWICI
? N/2/G,NO WAIT,TREE,PI<=P*,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,PI<=P*,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,PI<=P*/SUMTI
1 N/2/G,NO WAIT,TREE,PI<=P*/SUMWITI
1 N/2/G,NO WAIT,TREE,PI<=P*/SUMUI
1 N/2/G,NO WAIT,TREE,PI<=P*/SUMWIUI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/CMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/LMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/SUMWICI
? N/2/G,NO WAIT,TREE,PI<=P*,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/SUMTI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/SUMWITI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/SUMUI
1 N/2/G,NO WAIT,TREE,PI<=P*,RN>=0/SUMWIUI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/CMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/LMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/SUMWICI
? N/2/G,NO WAIT,TREE,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0,CI<=DI/SUMCI

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1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/SUMTI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/SUMWITI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/SUMUI
1 N/2/G,NO WAIT,TREE,PI<=P*,RI>=0/SUMWIUI
1 N/2/G,NO WAIT,TREE/CMAX
1 N/2/G,NO WAIT,TREE/LMAX
1 N/2/G,NO WAIT,TREE,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,CI<=DI/CMAX
1 N/2/G,NO WAIT,TREE/SUMCI
1 N/2/G,NO WAIT,TREE/SUMWICI
1 N/2/G,NO WAIT,TREE,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE/SUMTI
1 N/2/G,NO WAIT,TREE/SUMWITI
1 N/2/G,NO WAIT,TREE/SUMUI
1 N/2/G,NO WAIT,TREE/SUMWIUI
1 N/2/G,NO WAIT,TREE,RN>=0/CMAX
1 N/2/G,NO WAIT,TREE,RN>=0/LMAX
1 N/2/G,NO WAIT,TREE,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,RN>=0,CI<=DI/CMAX
1 N/2/G,NO WAIT,TREE,RN>=0/SUMCI
1 N/2/G,NO WAIT,TREE,RN>=0/SUMWICI
1 N/2/G,NO WAIT,TREE,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,RN>=0/SUMTI
1 N/2/G,NO WAIT,TREE,RN>=0/SUMWITI
1 N/2/G,NO WAIT,TREE,RN>=0/SUMUI
1 N/2/G,NO WAIT,TREE,RN>=0/SUMWIUI
1 N/2/G,NO WAIT,TREE,RI>=0/CMAX
1 N/2/G,NO WAIT,TREE,RI>=0/LMAX
1 N/2/G,NO WAIT,TREE,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,TREE,RI>=0,CI<=DI/CMAX
1 N/2/G,NO WAIT,TREE,RI>=0/SUMCI
1 N/2/G,NO WAIT,TREE,RI>=0/SUMWICI
1 N/2/G,NO WAIT,TREE,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,TREE,RI>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,TREE,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,TREE,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,TREE,RI>=0/SUMTI
1 N/2/G,NO WAIT,TREE,RI>=0/SUMWITI
1 N/2/G,NO WAIT,TREE,RI>=0/SUMUI
1 N/2/G,NO WAIT,TREE,RI>=0/SUMWIUI
1 N/2/G,NO WAIT,PREC,PI=1/CMAX
1 N/2/G,NO WAIT,PREC,PI=1/LMAX

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1 N/2/G,NO WAIT,PREC,PI=1,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,PI=1,CI<=DI/CMAX.
? N/2/G,NO WAIT,PREC,PI=1/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1/SUMWICI
? N/2/G,NO WAIT,PREC,PI=1,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,PI=1,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC,PI=1/SUMTI
1 N/2/G,NO WAIT,PREC,PI=1/SUMWITI
1 N/2/G,NO WAIT,PREC,PI=1/SUMUI
1 N/2/G,NO WAIT,PREC,PI=1/SUMWUI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0/CMAX
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0/LMAX
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,PREC,PI=1,RN>=0/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0/SUMWICI
? N/2/G,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0/SUMTI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0/SUMWITI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0/SUMUI
1 N/2/G,NO WAIT,PREC,PI=1,RN>=0/SUMWUI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0/CMAX
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0/LMAX
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0,CI<=DI/CMAX
? N/2/G,NO WAIT,PREC,PI=1,RI>=0/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0/SUMWICI
? N/2/G,NO WAIT,PREC,PI=1,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0/SUMTI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0/SUMWITI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0/SUMUI
1 N/2/G,NO WAIT,PREC,PI=1,RI>=0/SUMWUI
1 N/2/G,NO WAIT,PREC,PI<=P*/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*/LMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,CI<=DI/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,CI<=DI/SUMWICI

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1 N/2/G,NO WAIT,PREC,PI<=P*/SUMTI
1 N/2/G,NO WAIT,PREC,PI<=P*/SUMWITI
1 N/2/G,NO WAIT,PREC,PI<=P*/SUMUI
1 N/2/G,NO WAIT,PREC,PI<=P*/SUMWIUI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/LMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0,CI<=DI/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/SUMTI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/SUMWITI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/SUMUI
1 N/2/G,NO WAIT,PREC,PI<=P*,RN>=0/SUMWIUI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/LMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/CMAX
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMTI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMWITI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMUI
1 N/2/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMWIUI
1 N/2/G,NO WAIT,PREC/CMAX
1 N/2/G,NO WAIT,PREC/LMAX
1 N/2/G,NO WAIT,PREC,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,CI<=DI/CMAX
1 N/2/G,NO WAIT,PREC/SUMCI
1 N/2/G,NO WAIT,PREC/SUMWICI
1 N/2/G,NO WAIT,PREC,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC/SUMTI
1 N/2/G,NO WAIT,PREC/SUMWITI
1 N/2/G,NO WAIT,PREC/SUMUI
1 N/2/G,NO WAIT,PREC/SUMWIUI
1 N/2/G,NO WAIT,PREC,RN>=0/CMAX
1 N/2/G,NO WAIT,PREC,RN>=0/LMAX
1 N/2/G,NO WAIT,PREC,RN>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,RN>=0,CI<=DI/CMAX

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1 N/2/G,NO WAIT,PREC,RN>=0/SUMCI
1 N/2/G,NO WAIT,PREC,RN>=0/SUMWICI
1 N/2/G,NO WAIT,PREC,RN>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,RN>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,RN>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,RN>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC,RN>=0/SUMTI
1 N/2/G,NO WAIT,PREC,RN>=0/SUMWITI
1 N/2/G,NO WAIT,PREC,RN>=0/SUMUI
1 N/2/G,NO WAIT,PREC,RN>=0/SUMWIUI
1 N/2/G,NO WAIT,PREC,RI>=0/CMAX
1 N/2/G,NO WAIT,PREC,RI>=0/LMAX
1 N/2/G,NO WAIT,PREC,RI>=0,CN<=DN/CMAX
1 N/2/G,NO WAIT,PREC,RI>=0,CI<=DI/CMAX
1 N/2/G,NO WAIT,PREC,RI>=0/SUMCI
1 N/2/G,NO WAIT,PREC,RI>=0/SUMWICI
1 N/2/G,NO WAIT,PREC,RI>=0,CN<=DN/SUMCI
1 N/2/G,NO WAIT,PREC,RI>=0,CI<=DI/SUMCI
1 N/2/G,NO WAIT,PREC,RI>=0,CN<=DN/SUMWICI
1 N/2/G,NO WAIT,PREC,RI>=0,CI<=DI/SUMWICI
1 N/2/G,NO WAIT,PREC,RI>=0/SUMTI
1 N/2/G,NO WAIT,PREC,RI>=0/SUMWITI
1 N/2/G,NO WAIT,PREC,RI>=0/SUMUI
1 N/2/G,NO WAIT,PREC,RI>=0/SUMWIUI
1 N/M/G,NO WAIT,PI=1/CMAX
1 N/M/G,NO WAIT,PI=1/LMAX
1 N/M/G,NO WAIT,PI=1,CN<=DN/CMAX
1 N/M/G,NO WAIT,PI=1,CI<=DI/CMAX
? N/M/G,NO WAIT,PI=1/SUMCI
1 N/M/G,NO WAIT,PI=1/SUMWICI
? N/M/G,NO WAIT,PI=1,CN<=DN/SUMCI
1 N/M/G,NO WAIT,PI=1,CI<=DI/SUMCI
1 N/M/G,NO WAIT,PI=1,CN<=DN/SUMWICI
1 N/M/G,NO WAIT,PI=1,CI<=DI/SUMWICI
1 N/M/G,NO WAIT,PI=1/SUMTI
1 N/M/G,NO WAIT,PI=1/SUMWITI
1 N/M/G,NO WAIT,PI=1/SUMUI
1 N/M/G,NO WAIT,PI=1/SUMWIUI
1 N/M/G,NO WAIT,PI=1,RN>=0/CMAX
1 N/M/G,NO WAIT,PI=1,RN>=0/LMAX
1 N/M/G,NO WAIT,PI=1,RN>=0,CN<=DN/CMAX
1 N/M/G,NO WAIT,PI=1,RN>=0,CI<=DI/CMAX
? N/M/G,NO WAIT,PI=1,RN>=0/SUMCI
1 N/M/G,NO WAIT,PI=1,RN>=0/SUMWICI
? N/M/G,NO WAIT,PI=1,RN>=0,CN<=DN/SUMCI
1 N/M/G,NO WAIT,PI=1,RN>=0,CI<=DI/SUMCI
1 N/M/G,NO WAIT,PI=1,RN>=0,CN<=DN/SUMWICI
1 N/M/G,NO WAIT,PI=1,RN>=0,CI<=DI/SUMWICI
1 N/M/G,NO WAIT,PI=1,RN>=0/SUMTI
1 N/M/G,NO WAIT,PI=1,RN>=0/SUMWITI

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1 N/M/G, NO WAIT, PI=1, RN>=0/SUMUI
 1 N/M/G, NO WAIT, PI=1, RN>=0/SUMWIUI
 1 N/M/G, NO WAIT, PI=1, RI>=0/CMAX
 1 N/M/G, NO WAIT, PI=1, RI>=0/LMAX
 1 N/M/G, NO WAIT, PI=1, RI>=0, CN<=DN/CMAX
 1 N/M/G, NO WAIT, PI=1, RI>=0, CI<=DI/CMAX
 ? N/M/G, NO WAIT, PI=1, RI>=0/SUMCI
 1 N/M/G, NO WAIT, PI=1, RI>=0/SUMWICI
 ? N/M/G, NO WAIT, PI=1, RI>=0, CN<=DN/SUMCI
 1 N/M/G, NO WAIT, PI=1, RI>=0, CI<=DI/SUMCI
 1 N/M/G, NO WAIT, PI=1, RI>=0, CN<=DN/SUMWICI
 1 N/M/G, NO WAIT, PI=1, RI>=0, CI<=DI/SUMWICI
 1 N/M/G, NO WAIT, PI=1, PI>=0/SUMTI
 1 N/M/G, NO WAIT, PI=1, RI>=0/SUMWITI
 1 N/M/G, NO WAIT, PI=1, RI>=0/SUMUI
 1 N/M/G, NO WAIT, PI=1, RI>=0/SUMWIUI
 1 N/M/G, NO WAIT, PI<=P*/CMAX
 1 N/M/G, NO WAIT, PI<=P*/LMAX
 1 N/M/G, NO WAIT, PI<=P*, CN<=DN/CMAX
 1 N/M/G, NO WAIT, PI<=P*, CI<=DI/CMAX
 1 N/M/G, NO WAIT, PI<=P*/SUMCI
 1 N/M/G, NO WAIT, PI<=P*/SUMWICI
 1 N/M/G, NO WAIT, PI<=P*, CN<=DN/SUMCI
 1 N/M/G, NO WAIT, PI<=P*, CI<=DI/SUMCI
 1 N/M/G, NO WAIT, PI<=P*, CN<=DN/SUMWICI
 1 N/M/G, NO WAIT, PI<=P*, CI<=DI/SUMWICI
 1 N/M/G, NO WAIT, PI<=P*/SUMTI
 1 N/M/G, NO WAIT, PI<=P*/SUMWITI
 1 N/M/G, NO WAIT, PI<=P*/SUMUI
 1 N/M/G, NO WAIT, PI<=P*/SUMWIUI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/CMAX
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/LMAX
 1 N/M/G, NO WAIT, PI<=P*, RN>=0, CN<=DN/CMAX
 1 N/M/G, NO WAIT, PI<=P*, RN>=0, CI<=DI/CMAX
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/SUMCI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/SUMWICI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0, CN<=DN/SUMCI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0, CI<=DI/SUMCI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0, CN<=DN/SUMWICI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0, CI<=DI/SUMWICI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/SUMTI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/SUMWITI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/SUMUI
 1 N/M/G, NO WAIT, PI<=P*, RN>=0/SUMWIUI
 1 N/M/G, NO WAIT, PI<=P*, RI>=0/CMAX
 1 N/M/G, NO WAIT, PI<=P*, RI>=0/LMAX
 1 N/M/G, NO WAIT, PI<=P*, RI>=0, CN<=DN/CMAX
 1 N/M/G, NO WAIT, PI<=P*, RI>=0, CI<=DI/CMAX
 1 N/M/G, NO WAIT, PI<=P*, RI>=0/SUMCI
 1 N/M/G, NO WAIT, PI<=P*, RI>=0/SUMWICI


```

1 N/M/G, No WAIT, PI<=P*, RI>=0, CN<=DN/SUMCI
1 N/M/G, No WAIT, PI<=P*, RI>=0, CI<=DI/SUMCI
1 N/M/G, No WAIT, PI<=P*, RI>=0, CN<=DN/SUMWICI
1 N/M/G, No WAIT, PI<=P*, RI>=0, CI<=DI/SUMWICI
1 N/M/G, No WAIT, PI<=P*, RI>=0/SUMTI
1 N/M/G, No WAIT, PI<=P*, RI>=0/SUMWITI
1 N/M/G, No WAIT, PI<=P*, RI>=0/SUMUI
1 N/M/G, No WAIT, PI<=P*, RI>=0/SUMWIUI
1 N/M/G, No WAIT/CMAX
1 N/M/G, No WAIT/LMAX
1 N/M/G, No WAIT, CN<=DN/CMAX
1 N/M/G, No WAIT, CI<=DI/CMAX
1 N/M/G, No WAIT/SUMCI
1 N/M/G, No WAIT/SUMWICI
1 N/M/G, No WAIT, CN<=DN/SUMCI
1 N/M/G, No WAIT, CI<=DI/SUMCI
1 N/M/G, No WAIT, CN<=DN/SUMWICI
1 N/M/G, No WAIT, CI<=DI/SUMWICI
1 N/M/G, No WAIT/SUMTI
1 N/M/G, No WAIT/SUMWITI
1 N/M/G, No WAIT/SUMUI
1 N/M/G, No WAIT/SUMWIUI
1 N/M/G, No WAIT, RN>=0/CMAX
1 N/M/G, No WAIT, RN>=0/LMAX
1 N/M/G, No WAIT, RN>=0, CN<=DN/CMAX
1 N/M/G, No WAIT, RN>=0, CI<=DI/CMAX
1 N/M/G, No WAIT, RN>=0/SUMCI
1 N/M/G, No WAIT, RN>=0/SUMWICI
1 N/M/G, No WAIT, RN>=0, CN<=DN/SUMCI
1 N/M/G, No WAIT, RN>=0, CI<=DI/SUMCI
1 N/M/G, No WAIT, RN>=0, CN<=DN/SUMWICI
1 N/M/G, No WAIT, RN>=0, CI<=DI/SUMWICI
1 N/M/G, No WAIT, RN>=0/SUMTI
1 N/M/G, No WAIT, RN>=0/SUMWITI
1 N/M/G, No WAIT, RN>=0/SUMUI
1 N/M/G, No WAIT, RN>=0/SUMWIUI
1 N/M/G, No WAIT, RI>=0/CMAX
1 N/M/G, No WAIT, RI>=0/LMAX
1 N/M/G, No WAIT, RI>=0, CN<=DN/CMAX
1 N/M/G, No WAIT, RI>=0, CI<=DI/CMAX
1 N/M/G, No WAIT, RI>=0/SUMCI
1 N/M/G, No WAIT, RI>=0/SUMWICI
1 N/M/G, No WAIT, RI>=0, CN<=DN/SUMCI
1 N/M/G, No WAIT, RI>=0, CI<=DI/SUMCI
1 N/M/G, No WAIT, RI>=0, CN<=DN/SUMWICI
1 N/M/G, No WAIT, RI>=0, CI<=DI/SUMWICI
1 N/M/G, No WAIT, RI>=0/SUMTI
1 N/M/G, No WAIT, RI>=0/SUMWITI
1 N/M/G, No WAIT, RI>=0/SUMUI
1 N/M/G, No WAIT, RI>=0/SUMWIUI

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1 N/M/G, No WAIT, TREE, PI=1/C MAX
1 N/M/G, No WAIT, TREE, PI=1/L MAX
1 N/M/G, No WAIT, TREE, PI=1, CN<=DN/C MAX
1 N/M/G, No WAIT, TREE, PI=1, CI<=DI/C MAX
? N/M/G, No WAIT, TREE, PI=1/SUMCI
1 N/M/G, No WAIT, TREE, PI=1/SUMWICI
? N/M/G, No WAIT, TREE, PI=1, CN<=DN/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, CI<=DI/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, CN<=DN/SUMWICI
1 N/M/G, No WAIT, TREE, PI=1, CI<=DI/SUMWICI
1 N/M/G, No WAIT, TREE, PI=1/SUMTI
1 N/M/G, No WAIT, TREE, PI=1/SUMWITI
1 N/M/G, No WAIT, TREE, PI=1/SUMUI
1 N/M/G, No WAIT, TREE, PI=1/SUMWIUI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0/C MAX
1 N/M/G, No WAIT, TREE, PI=1, RN>=0/L MAX
1 N/M/G, No WAIT, TREE, PI=1, RN>=0, CN<=DN/C MAX
1 N/M/G, No WAIT, TREE, PI=1, RN>=0, CI<=DI/C MAX
? N/M/G, No WAIT, TREE, PI=1, RN>=0/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0/SUMWICI
? N/M/G, No WAIT, TREE, PI=1, RN>=0, CN<=DN/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0, CI<=DI/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0, CN<=DN/SUMWICI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0, CI<=DI/SUMWICI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0/SUMTI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0/SUMWITI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0/SUMUI
1 N/M/G, No WAIT, TREE, PI=1, RN>=0/SUMWIUI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0/C MAX
1 N/M/G, No WAIT, TREE, PI=1, RI>=0/L MAX
1 N/M/G, No WAIT, TREE, PI=1, RI>=0, CN<=DN/C MAX
1 N/M/G, No WAIT, TREE, PI=1, RI>=0, CI<=DI/C MAX
? N/M/G, No WAIT, TREE, PI=1, RI>=0/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0/SUMWICI
? N/M/G, No WAIT, TREE, PI=1, RI>=0, CN<=DN/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0, CI<=DI/SUMCI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0/SUMTI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0/SUMWITI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0/SUMUI
1 N/M/G, No WAIT, TREE, PI=1, RI>=0/SUMWIUI
1 N/M/G, No WAIT, TREE, PI<=P*/C MAX
1 N/M/G, No WAIT, TREE, PI<=P*/L MAX
1 N/M/G, No WAIT, TREE, PI<=P*, CN<=DN/C MAX
1 N/M/G, No WAIT, TREE, PI<=P*, CI<=DI/C MAX
1 N/M/G, No WAIT, TREE, PI<=P*/SUMCI
1 N/M/G, No WAIT, TREE, PI<=P*/SUMWICI
1 N/M/G, No WAIT, TREE, PI<=P*, CN<=DN/SUMCI
1 N/M/G, No WAIT, TREE, PI<=P*, CI<=DI/SUMCI

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1 N/M/G, NO WAIT, TREE, PI<=P*, CN<=DN/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*, CI<=DI/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*/SUMTI
 1 N/M/G, NO WAIT, TREE, PI<=P*/SUMWITI
 1 N/M/G, NO WAIT, TREE, PI<=P*/SUMUI
 1 N/M/G, NO WAIT, TREE, PI<=P*/SUMWIUI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/CMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/LMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/SUMCI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/SUMTI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/SUMWITI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/SUMUI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RN>=0/SUMWIUI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/CMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/LMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/SUMCI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/SUMTI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/SUMWITI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/SUMUI
 1 N/M/G, NO WAIT, TREE, PI<=P*, RI>=0/SUMWIUI
 1 N/M/G, NO WAIT, TREE/CMAX
 1 N/M/G, NO WAIT, TREE/LMAX
 1 N/M/G, NO WAIT, TREE, CN<=DN/CMAX
 1 N/M/G, NO WAIT, TREE, CI<=DI/CMAX
 1 N/M/G, NO WAIT, TREE/SUMCI
 1 N/M/G, NO WAIT, TREE/SUMWICI
 1 N/M/G, NO WAIT, TREE, CN<=DN/SUMCI
 1 N/M/G, NO WAIT, TREE, CI<=DI/SUMCI
 1 N/M/G, NO WAIT, TREE, CN<=DN/SUMWICI
 1 N/M/G, NO WAIT, TREE, CI<=DI/SUMWICI
 1 N/M/G, NO WAIT, TREE/SUMTI
 1 N/M/G, NO WAIT, TREE/SUMWITI
 1 N/M/G, NO WAIT, TREE/SUMUI
 1 N/M/G, NO WAIT, TREE/SUMWIUI
 1 N/M/G, NO WAIT, TREE, RN>=0/CMAX
 1 N/M/G, NO WAIT, TREE, RN>=0/LMAX


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1 N/M/G, NO WAIT, TREF, RN>=0, CN<=DN/CMAX
1 N/M/G, NO WAIT, TREE, RN>=0, CI<=DI/CMAX
1 N/M/G, NO WAIT, TREE, RN>=0/SUMCI
1 N/M/G, NO WAIT, TREE, RN>=0/SUMWICI
1 N/M/G, NO WAIT, TREE, RN>=0, CN<=DN/SUMCI
1 N/M/G, NO WAIT, TREE, RN>=0, CI<=DI/SUMCI
1 N/M/G, NO WAIT, TREE, RN>=0, CN<=DN/SUMWICI
1 N/M/G, NO WAIT, TREE, RN>=0, CI<=DI/SUMWICI
1 N/M/G, NO WAIT, TREE, RN>=0/SUMTI
1 N/M/G, NO WAIT, TREE, RN>=0/SUMWITI
1 N/M/G, NO WAIT, TREE, RN>=0/SUMUI
1 N/M/G, NO WAIT, TREE, RN>=0/SUMWIUI
1 N/M/G, NO WAIT, TREE, RI>=0/CMAX
1 N/M/G, NO WAIT, TREE, RI>=0/LMAX
1 N/M/G, NO WAIT, TREE, RI>=0, CN<=DN/CMAX
1 N/M/G, NO WAIT, TREE, RI>=0, CI<=DI/CMAX
1 N/M/G, NO WAIT, TREE, RI>=0/SUMCI
1 N/M/G, NO WAIT, TREE, RI>=0/SUMWICI
1 N/M/G, NO WAIT, TREE, RI>=0, CN<=DN/SUMCI
1 N/M/G, NO WAIT, TREE, RI>=0, CI<=DI/SUMCI
1 N/M/G, NO WAIT, TREE, RI>=0, CN<=DN/SUMWICI
1 N/M/G, NO WAIT, TREE, RI>=0, CI<=DI/SUMWICI
1 N/M/G, NO WAIT, TREE, RI>=0/SUMTI
1 N/M/G, NO WAIT, TREE, RI>=0/SUMWITI
1 N/M/G, NO WAIT, TREE, RI>=0/SUMUI
1 N/M/G, NO WAIT, TREE, RI>=0/SUMWIUI
1 N/M/G, NO WAIT, PREC, PI=1/CMAX
1 N/M/G, NO WAIT, PREC, PI=1/LMAX
1 N/M/G, NO WAIT, PREC, PI=1, CN<=DN/CMAX
1 N/M/G, NO WAIT, PREC, PI=1, CI<=DI/CMAX
? N/M/G, NO WAIT, PREC, PI=1/SUMCI
1 N/M/G, NO WAIT, PREC, PI=1/SUMWICI
? N/M/G, NO WAIT, PREC, PI=1, CN<=DN/SUMCI
1 N/M/G, NO WAIT, PREC, PI=1, CI<=DI/SUMCI
1 N/M/G, NO WAIT, PREC, PI=1, CN<=DN/SUMWICI
1 N/M/G, NO WAIT, PREC, PI=1, CI<=DI/SUMWICI
1 N/M/G, NO WAIT, PREC, PI=1/SUMTI
1 N/M/G, NO WAIT, PREC, PI=1/SUMWITI
1 N/M/G, NO WAIT, PREC, PI=1/SUMUI
1 N/M/G, NO WAIT, PREC, PI=1/SUMWIUI
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0/CMAX
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0/LMAX
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0, CN<=DN/CMAX
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0, CI<=DI/CMAX
? N/M/G, NO WAIT, PREC, PI=1, RN>=0/SUMCI
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0/SUMWICI
? N/M/G, NO WAIT, PREC, PI=1, RN>=0, CN<=DN/SUMCI
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0, CI<=DI/SUMCI
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0, CN<=DN/SUMWICI
1 N/M/G, NO WAIT, PREC, PI=1, RN>=0, CI<=DI/SUMWICI

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```

1 N/M/G, No WAIT, PREC, PI=1, RN>=0/SUMTI
1 N/M/G, No WAIT, PREC, PI=1, RN>=0/SUMWITI
1 N/M/G, No WAIT, PREC, PI=1, RN>=0/SUMUI
1 N/M/G, No WAIT, PREC, PI=1, RN>=0/SUMWUI
1 N/M/G, No WAIT, PREC, PI=1, RI>=0/CMAX
1 N/M/G, No WAIT, PREC, PI=1, RI>=0/LMAX
1 N/M/G, No WAIT, PREC, PI=1, RI>=0, CN<=DN/CMAX
1 N/M/G, No WAIT, PREC, PI=1, RI>=0, CI<=DI/CMAX
? N/M/G, No WAIT, PREC, PI=1, RI>=0/SUMCI
! N/M/G, No WAIT, PREC, PI=1, RI>=0/SUMWICI
? N/M/G, No WAIT, PREC, PI=1, RI>=0, CN<=DN/SUMCI
! N/M/G, No WAIT, PREC, PI=1, RI>=0, CI<=DI/SUMCI
! N/M/G, No WAIT, PREC, PI=1, RI>=0, CN<=DN/SUMWICI
! N/M/G, No WAIT, PREC, PI=1, RI>=0, CI<=DI/SUMWICI
! N/M/G, No WAIT, PREC, PI=1, RI>=0/SUMTI
! N/M/G, No WAIT, PREC, PI=1, RI>=0/SUMWITI
! N/M/G, No WAIT, PREC, PI=1, RI>=0/SUMUI
! N/M/G, No WAIT, PREC, PI=1, RI>=0/SUMWUI
! N/M/G, No WAIT, PREC, PI<=P*/CMAX
! N/M/G, No WAIT, PREC, PI<=P*/LMAX
! N/M/G, No WAIT, PREC, PI<=P*, CN<=DN/CMAX
! N/M/G, No WAIT, PREC, PI<=P*, CI<=DI/CMAX
! N/M/G, No WAIT, PREC, PI<=P*/SUMCI
! N/M/G, No WAIT, PREC, PI<=P*/SUMWICI
! N/M/G, No WAIT, PREC, PI<=P*, CN<=DN/SUMCI
! N/M/G, No WAIT, PREC, PI<=P*, CI<=DI/SUMCI
! N/M/G, No WAIT, PREC, PI<=P*, CN<=DN/SUMWICI
! N/M/G, No WAIT, PREC, PI<=P*, CI<=DI/SUMWICI
! N/M/G, No WAIT, PREC, PI<=P*/SUMTI
! N/M/G, No WAIT, PREC, PI<=P*/SUMWITI
! N/M/G, No WAIT, PREC, PI<=P*/SUMUI
! N/M/G, No WAIT, PREC, PI<=P*/SUMWUI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/CMAX
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/LMAX
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0, CN<=DN/CMAX
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0, CI<=DI/CMAX
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/SUMCI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/SUMWICI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0, CN<=DN/SUMCI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0, CI<=DI/SUMCI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0, CN<=DN/SUMWICI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0, CI<=DI/SUMWICI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/SUMTI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/SUMWITI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/SUMUI
! N/M/G, No WAIT, PREC, PI<=P*, RN>=0/SUMWUI
! N/M/G, No WAIT, PREC, PI<=P*, RI>=0/CMAX
! N/M/G, No WAIT, PREC, PI<=P*, RI>=0/LMAX
! N/M/G, No WAIT, PREC, PI<=P*, RI>=0, CN<=DN/CMAX
! N/M/G, No WAIT, PREC, PI<=P*, RI>=0, CI<=DI/CMAX

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1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMCI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMWICI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMTI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMWITI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMUI
1 N/M/G,NO WAIT,PREC,PI<=P*,RI>=0/SUMWIUI
1 N/M/G,NO WAIT,PREC/C MAX
1 N/M/G,NO WAIT,PREC/LMAX
1 N/M/G,NO WAIT,PREC,CN<=DN/C MAX
1 N/M/G,NO WAIT,PREC,CI<=DI/C MAX
1 N/M/G,NO WAIT,PREC/SUMCI
1 N/M/G,NO WAIT,PREC/SUMWICI
1 N/M/G,NO WAIT,PREC,CN<=DN/SUMCI
1 N/M/G,NO WAIT,PREC,CI<=DI/SUMCI
1 N/M/G,NO WAIT,PREC,CN<=DN/SUMWICI
1 N/M/G,NO WAIT,PREC,CI<=DI/SUMWICI
1 N/M/G,NO WAIT,PREC/SUMTI
1 N/M/G,NO WAIT,PREC/SUMWITI
1 N/M/G,NO WAIT,PREC/SUMUI
1 N/M/G,NO WAIT,PREC/SUMWIUI
1 N/M/G,NO WAIT,PREC,RI>=0/C MAX
1 N/M/G,NO WAIT,PREC,RI>=0/L MAX
1 N/M/G,NO WAIT,PREC,RI>=0,CN<=DN/C MAX
1 N/M/G,NO WAIT,PREC,RI>=0,CI<=DI/C MAX
1 N/M/G,NO WAIT,PREC,RI>=0/SUMCI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMWICI
1 N/M/G,NO WAIT,PREC,RI>=0,CN<=DN/SUMCI
1 N/M/G,NO WAIT,PREC,RI>=0,CI<=DI/SUMCI
1 N/M/G,NO WAIT,PREC,RI>=0,CN<=DN/SUMWICI
1 N/M/G,NO WAIT,PREC,RI>=0,CI<=DI/SUMWICI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMTI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMWITI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMUI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMWIUI
1 N/M/G,NO WAIT,PREC,RI>=0/C MAX
1 N/M/G,NO WAIT,PREC,RI>=0/L MAX
1 N/M/G,NO WAIT,PREC,RI>=0,CN<=DN/C MAX
1 N/M/G,NO WAIT,PREC,RI>=0,CI<=DI/C MAX
1 N/M/G,NO WAIT,PREC,RI>=0/SUMCI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMWICI
1 N/M/G,NO WAIT,PREC,RI>=0,CN<=DN/SUMCI
1 N/M/G,NO WAIT,PREC,RI>=0,CI<=DI/SUMCI
1 N/M/G,NO WAIT,PREC,RI>=0,CN<=DN/SUMWICI
1 N/M/G,NO WAIT,PREC,RI>=0,CI<=DI/SUMWICI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMTI
1 N/M/G,NO WAIT,PREC,RI>=0/SUMWITI

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1 N/M/G, No WAIT, PREC, RI >= 0 / SUMUI
↓ N/M/G, No WAIT, PREC, RI >= 0 / SUMWUI
* N/2/I, PI=1 / CMAX
* N/2/I, PI=1 / LMAX
* N/2/I, PI=1, CN <= DN / CMAX
* N/2/I, PI=1, CI <= DI / CMAX
* N/2/I, PI=1 / SUMCI
* N/2/I, PI=1 / SUMWICI
* N/2/I, PI=1, CN <= DN / SUMCI
* N/2/I, PI=1, CI <= DI / SUMCI
* N/2/I, PI=1, CN <= DN / SUMWICI
* N/2/I, PI=1, CI <= DI / SUMWICI
* N/2/I, PI=1 / SUMTI
* N/2/I, PI=1 / SUMWITI
* N/2/I, PI=1 / SUMUI
* N/2/I, PI=1 / SUMWUI
* N/2/I, PI=1, RN >= 0 / CMAX
* N/2/I, PI=1, RN >= 0 / LMAX
* N/2/I, PI=1, RN >= 0, CN <= DN / CMAX
* N/2/I, PI=1, RN >= 0, CI <= DI / CMAX
* N/2/I, PI=1, RN >= 0 / SUMCI
* N/2/I, PI=1, RN >= 0 / SUMWICI
* N/2/I, PI=1, RN >= 0, CN <= DN / SUMCI
* N/2/I, PI=1, RN >= 0, CI <= DI / SUMCI
* N/2/I, PI=1, RN >= 0, CN <= DN / SUMWICI
* N/2/I, PI=1, RN >= 0, CI <= DI / SUMWICI
* N/2/I, PI=1, RN >= 0 / SUMTI
* N/2/I, PI=1, RN >= 0 / SUMWITI
* N/2/I, PI=1, RN >= 0 / SUMUI
* N/2/I, PI=1, RN >= 0 / SUMWUI
* N/2/I, PI=1, RI >= 0 / CMAX
* N/2/I, PI=1, RI >= 0 / LMAX
* N/2/I, PI=1, RI >= 0, CN <= DN / CMAX
* N/2/I, PI=1, RI >= 0, CI <= DI / CMAX
* N/2/I, PI=1, RI >= 0 / SUMCI
* N/2/I, PI=1, RI >= 0 / SUMWICI
* N/2/I, PI=1, RI >= 0, CN <= DN / SUMCI
* N/2/I, PI=1, RI >= 0, CI <= DI / SUMCI
* N/2/I, PI=1, RI >= 0, CN <= DN / SUMWICI
* N/2/I, PI=1, RI >= 0, CI <= DI / SUMWICI
* N/2/I, PI=1, RI >= 0 / SUMTI
* N/2/I, PI=1, RI >= 0 / SUMWITI
* N/2/I, PI=1, RI >= 0 / SUMUI
* N/2/I, PI=1, RI >= 0 / SUMWUI
* N/2/I, PI <= P* / CMAX
* N/2/I, PI <= P* / LMAX
* N/2/I, PI <= P*, CN <= DN / CMAX
* N/2/I, PI <= P*, CI <= DI / CMAX
* N/2/I, PI <= P* / SUMCI
* N/2/I, PI <= P* / SUMWICI

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* N/2/I,PI<=P*,CN<=DN/SUMCI
? N/2/I,PI<=P*,CI<=DI/SUMCI
* N/2/I,PI<=P*,CN<=DN/SUMWICI
? N/2/I,PI<=P*,CI<=DI/SUMWICI
? N/2/I,PI<=P*/SUMTI
? N/2/I,PI<=P*/SUMWITI
* N/2/I,PI<=P*/SUMUI
* N/2/I,PI<=P*/SUMWIUI
* N/2/I,PI<=P*,RN>=0/CMAX
* N/2/I,PI<=P*,RN>=0/LMAX
* N/2/I,PI<=P*,RN>=0,CN<=DN/CMAX
* N/2/I,PI<=P*,RN>=0,CI<=DI/CMAX
* N/2/I,PI<=P*,RN>=0/SUMCI
* N/2/I,PI<=P*,RN>=0/SUMWICI
* N/2/I,PI<=P*,RN>=0,CN<=DN/SUMCI
? N/2/I,PI<=P*,RN>=0,CI<=DI/SUMCI
* N/2/I,PI<=P*,RN>=0,CN<=DN/SUMWICI
? N/2/I,PI<=P*,RN>=0,CI<=DI/SUMWICI
? N/2/I,PI<=P*,RN>=0/SUMTI
? N/2/I,PI<=P*,RN>=0/SUMWITI
* N/2/I,PI<=P*,RN>=0/SUMUI
* N/2/I,PI<=P*,RN>=0/SUMWIUI
* N/2/I,PI<=P*,RI>=0/CMAX
? N/2/I,PI<=P*,RI>=0/LMAX
* N/2/I,PI<=P*,RI>=0,CN<=DN/CMAX
? N/2/I,PI<=P*,RI>=0,CI<=DI/CMAX
? N/2/I,PI<=P*,RI>=0/SUMCI
? N/2/I,PI<=P*,RI>=0/SUMWICI
? N/2/I,PI<=P*,RI>=0,CN<=DN/SUMCI
? N/2/I,PI<=P*,RI>=0,CI<=DI/SUMCI
? N/2/I,PI<=P*,RI>=0,CN<=DN/SUMWICI
? N/2/I,PI<=P*,RI>=0,CI<=DI/SUMWICI
? N/2/I,PI<=P*,RI>=0/SUMTI
? N/2/I,PI<=P*,RI>=0/SUMWITI
? N/2/I,PI<=P*,RI>=0/SUMUI
? N/2/I,PI<=P*,RI>=0/SUMWIUI
1 N/2/I/CMAX
1 N/2/I/LMAX
1 N/2/I,CN<=DN/CMAX
1 N/2/I,CI<=DI/CMAX
* N/2/I/SUMCI
1 N/2/I/SUMWICI
? N/2/I,CN<=DN/SUMCI
1 N/2/I,CI<=DI/SUMCI
1 N/2/I,CN<=DN/SUMWICI
1 N/2/I,CI<=DI/SUMWICI
1 N/2/I/SUMTI
1 N/2/I/SUMWITI
1 N/2/I/SUMUI
1 N/2/I/SUMWIUI

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1 N/2/I, RN>=0/CMAX
1 N/2/I, RN>=0/LMAX
1 N/2/I, RN>=0, CN<=DN/CMAX
1 N/2/I, RN>=0, CI<=DI/CMAX
1 N/2/I, RN>=0/SUMCI
1 N/2/I, RN>=0/SUMWICI
1 N/2/I, RN>=0, CN<=DN/SUMCI
1 N/2/I, RN>=0, CI<=DI/SUMCI
1 N/2/I, RN>=0, CN<=DN/SUMWICI
1 N/2/I, RN>=0, CI<=DI/SUMWICI
1 N/2/I, RN>=0/SUMTI
1 N/2/I, RN>=0/SUMWITI
1 N/2/I, RN>=0/SUMUI
1 N/2/I, RN>=0/SUMWIUI
1 N/2/I, RI>=0/CMAX
1 N/2/I, RI>=0/LMAX
1 N/2/I, RI>=0, CN<=DN/CMAX
1 N/2/I, RI>=0, CI<=DI/CMAX
1 N/2/I, RI>=0/SUMCI
1 N/2/I, RI>=0/SUMWICI
1 N/2/I, RI>=0, CN<=DN/SUMCI
1 N/2/I, RI>=0, CI<=DI/SUMCI
1 N/2/I, RI>=0, CN<=DN/SUMWICI
1 N/2/I, RI>=0, CI<=DI/SUMWICI
1 N/2/I, RI>=0/SUMTI
1 N/2/I, RI>=0/SUMWITI
1 N/2/I, RI>=0/SUMUI
1 N/2/I, RI>=0/SUMWIUI
* N/2/I, TREE, PI=1/CMAX
* N/2/I, TREE, PI=1/LMAX
* N/2/I, TREE, PI=1, CN<=DN/CMAX
* N/2/I, TREE, PI=1, CI<=DI/CMAX
* N/2/I, TREE, PI=1/SUMCI
? N/2/I, TREE, PI=1/SUMWICI
? N/2/I, TREE, PI=1, CN<=DN/SUMCI
? N/2/I, TREE, PI=1, CI<=DI/SUMCI
? N/2/I, TREE, PI=1, CN<=DN/SUMWICI
? N/2/I, TREE, PI=1, CI<=DI/SUMWICI
? N/2/I, TREE, PI=1/SUMTI
? N/2/I, TREE, PI=1/SUMWITI
? N/2/I, TREE, PI=1/SUMUI
? N/2/I, TREE, PI=1/SUMWIUI
* N/2/I, TREE, PI=1, RN>=0/CMAX
* N/2/I, TREE, PI=1, RN>=0/LMAX
* N/2/I, TREE, PI=1, RN>=0, CN<=DN/CMAX
* N/2/I, TREE, PI=1, RN>=0, CI<=DI/CMAX
? N/2/I, TREE, PI=1, RN>=0/SUMCI
? N/2/I, TREE, PI=1, RN>=0/SUMWICI
? N/2/I, TREE, PI=1, RN>=0, CN<=DN/SUMCI
? N/2/I, TREE, PI=1, RN>=0, CI<=DI/SUMCI

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? N/2/I, TREE, PI=1, RN>=0, CN<=DN/SUMWICI
 ? N/2/I, TREE, PI=1, RN>=0, CI<=DI/SUMWICI
 ? N/2/I, TREE, PI=1, RN>=0/SUMTI
 ? N/2/I, TREE, PI=1, RN>=0/SUMWITI
 ? N/2/I, TREE, PI=1, RN>=0/SUMJI
 ? N/2/I, TREE, PI=1, RN>=0/SUMWUI
 * N/2/I, TREE, PI=1, RI>=0/CMAX
 * N/2/I, TREE, PI=1, RI>=0/LMAX
 * N/2/I, TREE, PI=1, RI>=0, CN<=DN/CMAX
 * N/2/I, TREE, PI=1, RI>=0, CI<=DI/CMAX
 ? N/2/I, TREE, PI=1, RI>=0/SUMCI
 ? N/2/I, TREE, PI=1, RI>=0/SUMWICI
 ? N/2/I, TREE, PI=1, RI>=0, CN<=DN/SUMCI
 ? N/2/I, TREE, PI=1, RI>=0, CI<=DI/SUMCI
 ? N/2/I, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
 ? N/2/I, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
 ? N/2/I, TREE, PI=1, RI>=0/SUMTI
 ? N/2/I, TREE, PI=1, RI>=0/SUMWITI
 ? N/2/I, TREE, PI=1, RI>=0/SUMUI
 ? N/2/I, TREE, PI=1, RI>=0/SUMWUI
 ? N/2/I, TREE, PI<=P*/CMAX
 ? N/2/I, TREE, PI<=P*/LMAX
 ? N/2/I, TREE, PI<=P*, CN<=DN/CMAX
 ? N/2/I, TREE, PI<=P*, CI<=DI/CMAX
 ? N/2/I, TREE, PI<=P*/SUMCI
 ? N/2/I, TREE, PI<=P*/SUMWICI
 ? N/2/I, TREE, PI<=P*, CN<=DN/SUMCI
 ? N/2/I, TREE, PI<=P*, CI<=DI/SUMCI
 ? N/2/I, TREE, PI<=P*, CN<=DN/SUMWICI
 ? N/2/I, TREE, PI<=P*, CI<=DI/SUMWICI
 ? N/2/I, TREE, PI<=P*/SUMTI
 ? N/2/I, TREE, PI<=P*/SUMWITI
 ? N/2/I, TREE, PI<=P*/SUMUI
 ? N/2/I, TREE, PI<=P*/SUMWUI
 ? N/2/I, TREE, PI<=P*, RN>=0/CMAX
 ? N/2/I, TREE, PI<=P*, RN>=0/LMAX
 ? N/2/I, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
 ? N/2/I, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
 ? N/2/I, TREE, PI<=P*, RN>=0/SUMCI
 ? N/2/I, TREE, PI<=P*, RN>=0/SUMWICI
 ? N/2/I, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/2/I, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/2/I, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/2/I, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/2/I, TREE, PI<=P*, RN>=0/SUMTI
 ? N/2/I, TREE, PI<=P*, RN>=0/SUMWITI
 ? N/2/I, TREE, PI<=P*, RN>=0/SUMUI
 ? N/2/I, TREE, PI<=P*, RN>=0/SUMWUI
 ? N/2/I, TREE, PI<=P*, RI>=0/CMAX
 ? N/2/I, TREE, PI<=P*, RI>=0/LMAX

? N/2/I, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/2/I, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/2/I, TREE, PI<=P*, RI>=0/SUMCI
 ? N/2/I, TREE, PI<=P*, RI>=0/SUMWICI
 ? N/2/I, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/2/I, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/2/I, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/2/I, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/2/I, TREE, PI<=P*, RI>=0/SUMTI
 ? N/2/I, TREE, PI<=P*, RI>=0/SUMWITI
 1 N/2/I, TREE, PI<=P*, RI>=0/SUMUI
 1 N/2/I, TREE, PI<=P*, RI>=0/SUMWIUI
 1 N/2/I, TREE/CMAX
 1 N/2/I, TREE/LMAX
 1 N/2/I, TREE, CN<=DN/CMAX
 1 N/2/I, TREE, CI<=DI/CMAX
 ? N/2/I, TREE/SUMCI
 1 N/2/I, TREE/SUMWICI
 ? N/2/I, TREE, CN<=DN/SUMCI
 1 N/2/I, TREE, CI<=DI/SUMCI
 1 N/2/I, TREE, CN<=DN/SUMWICI
 1 N/2/I, TREE, CI<=DI/SUMWICI
 1 N/2/I, TREE/SUMTI
 1 N/2/I, TREE/SUMWITI
 1 N/2/I, TREE/SUMUI
 1 N/2/I, TREE/SUMWIUI
 1 N/2/I, TREE, RN>=0/CMAX
 1 N/2/I, TREE, RN>=0/LMAX
 1 N/2/I, TREE, RN>=0, CN<=DN/CMAX
 1 N/2/I, TREE, RN>=0, CI<=DI/CMAX
 1 N/2/I, TREE, RN>=0/SUMCI
 1 N/2/I, TREE, RN>=0/SUMWICI
 1 N/2/I, TREE, RN>=0, CN<=DN/SUMCI
 1 N/2/I, TREE, RN>=0, CI<=DI/SUMCI
 1 N/2/I, TREE, RN>=0, CN<=DN/SUMWICI
 1 N/2/I, TREE, RN>=0, CI<=DI/SUMWICI
 1 N/2/I, TREE, RN>=0/SUMTI
 1 N/2/I, TREE, RN>=0/SUMWITI
 1 N/2/I, TREE, RN>=0/SUMUI
 1 N/2/I, TREE, RN>=0/SUMWIUI
 1 N/2/I, TREE, RI>=0/CMAX
 1 N/2/I, TREE, RI>=0/LMAX
 1 N/2/I, TREE, RI>=0, CN<=DN/CMAX
 1 N/2/I, TREE, RI>=0, CI<=DI/CMAX
 1 N/2/I, TREE, RI>=0/SUMCI
 1 N/2/I, TREE, RI>=0/SUMWICI
 1 N/2/I, TREE, RI>=0, CN<=DN/SUMCI
 1 N/2/I, TREE, RI>=0, CI<=DI/SUMCI
 1 N/2/I, TREE, RI>=0, CN<=DN/SUMWICI
 1 N/2/I, TREE, RI>=0, CI<=DI/SUMWICI


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1 N/2/I, TREE, RI>=0/SUMTI
1 N/2/I, TREE, RI>=0/SUMWITI
1 N/2/I, TREE, RI>=0/SUMUI
1 N/2/I, TREE, RI>=0/SUMWIUI
* N/2/I, PREC, PI=1/CMAX
* N/2/I, PREC, PI=1/LMAX
* N/2/I, PREC, PI=1, CN<=DN/CMAX
* N/2/I, PREC, PI=1, CI<=DI/CMAX
* N/2/I, PREC, PI=1/SUMCI
1 N/2/I, PREC, PI=1/SUMWICI
? N/2/I, PREC, PI=1, CN<=DN/SUMCI
? N/2/I, PREC, PI=1, CI<=DI/SUMCI
1 N/2/I, PREC, PI=1, CN<=DN/SUMWICI
1 N/2/I, PREC, PI=1, CI<=DI/SUMWICI
1 N/2/I, PREC, PI=1/SUMTI
1 N/2/I, PREC, PI=1/SUMWITI
1 N/2/I, PREC, PI=1/SUMUI
1 N/2/I, PREC, PI=1/SUMWIUI
* N/2/I, PREC, PI=1, RN>=0/CMAX
* N/2/I, PREC, PI=1, RN>=0/LMAX
* N/2/I, PREC, PI=1, RN>=0, CN<=DN/CMAX
* N/2/I, PREC, PI=1, RN>=0, CI<=DI/CMAX
? N/2/I, PREC, PI=1, RN>=0/SUMCI
1 N/2/I, PREC, PI=1, RN>=0/SUMWICI
? N/2/I, PREC, PI=1, RN>=0, CN<=DN/SUMCI
? N/2/I, PREC, PI=1, RN>=0, CI<=DI/SUMCI
1 N/2/I, PREC, PI=1, RN>=0, CN<=DN/SUMWICI
1 N/2/I, PREC, PI=1, RN>=0, CI<=DI/SUMWICI
1 N/2/I, PREC, PI=1, RN>=0/SUMTI
1 N/2/I, PREC, PI=1, RN>=0/SUMWITI
1 N/2/I, PREC, PI=1, RN>=0/SUMUI
1 N/2/I, PREC, PI=1, RN>=0/SUMWIUI
* N/2/I, PREC, PI=1, RI>=0/CMAX
* N/2/I, PREC, PI=1, RI>=0/LMAX
* N/2/I, PREC, PI=1, RI>=0, CN<=DN/CMAX
* N/2/I, PREC, PI=1, RI>=0, CI<=DI/CMAX
? N/2/I, PREC, PI=1, RI>=0/SUMCI
1 N/2/I, PREC, PI=1, RI>=0/SUMWICI
? N/2/I, PREC, PI=1, RI>=0, CN<=DN/SUMCI
? N/2/I, PREC, PI=1, RI>=0, CI<=DI/SUMCI
1 N/2/I, PREC, PI=1, RI>=0, CN<=DN/SUMWICI
1 N/2/I, PREC, PI=1, RI>=0, CI<=DI/SUMWICI
1 N/2/I, PREC, PI=1, RI>=0/SUMTI
1 N/2/I, PREC, PI=1, RI>=0/SUMWITI
1 N/2/I, PREC, PI=1, RI>=0/SUMUI
1 N/2/I, PREC, PI=1, RI>=0/SUMWIUI
1 N/2/I, PREC, PI<=P*/CMAX
1 N/2/I, PREC, PI<=P*/LMAX
1 N/2/I, PREC, PI<=P*, CN<=DN/CMAX
1 N/2/I, PREC, PI<=P*, CI<=DI/CMAX

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1 N/2/I,PREC,PI<=P*/SUMCI
1 N/2/I,PREC,PI<=P*/SUMWICI
1 N/2/I,PREC,PI<=P*,CN<=DN/SUMCI
1 N/2/I,PREC,PI<=P*,CI<=DI/SUMCI
1 N/2/I,PREC,PI<=P*,CN<=DN/SUMWICI
1 N/2/I,PREC,PI<=P*,CI<=DI/SUMWICI
1 N/2/I,PREC,PI<=P*/SUMTI
1 N/2/I,PREC,PI<=P*/SUMWITI
1 N/2/I,PREC,PI<=P*/SUMUI
1 N/2/I,PREC,PI<=P*/SUMWIUI
1 N/2/I,PREC,PI<=P*,RN>=0/CMAX
1 N/2/I,PREC,PI<=P*,RN>=0/LMAX
1 N/2/I,PREC,PI<=P*,RN>=0,CN<=DN/CMAX
1 N/2/I,PREC,PI<=P*,RN>=0,CI<=DI/CMAX
1 N/2/I,PREC,PI<=P*,RN>=0/SUMCI
1 N/2/I,PREC,PI<=P*,RN>=0/SUMWICI
1 N/2/I,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
1 N/2/I,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI
1 N/2/I,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
1 N/2/I,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
1 N/2/I,PREC,PI<=P*,RN>=0/SUMTI
1 N/2/I,PREC,PI<=P*,RN>=0/SUMWITI
1 N/2/I,PREC,PI<=P*,RN>=0/SUMUI
1 N/2/I,PREC,PI<=P*,RN>=0/SUMWIUI
1 N/2/I,PREC,PI<=P*,RI>=0/CMAX
1 N/2/I,PREC,PI<=P*,RI>=0/LMAX
1 N/2/I,PREC,PI<=P*,RI>=0,CN<=DN/CMAX
1 N/2/I,PREC,PI<=P*,RI>=0,CI<=DI/CMAX
1 N/2/I,PREC,PI<=P*,RI>=0/SUMCI
1 N/2/I,PREC,PI<=P*,RI>=0/SUMWICI
1 N/2/I,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/2/I,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
1 N/2/I,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/2/I,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/2/I,PREC,PI<=P*,RI>=0/SUMTI
1 N/2/I,PREC,PI<=P*,RI>=0/SUMWITI
1 N/2/I,PREC,PI<=P*,RI>=0/SUMUI
1 N/2/I,PREC,PI<=P*,RI>=0/SUMWIUI
1 N/2/I,PREC/CMAX
1 N/2/I,PREC/LMAX
1 N/2/I,PREC,CN<=DN/CMAX
1 N/2/I,PREC,CI<=DI/CMAX
1 N/2/I,PREC/SUMCI
1 N/2/I,PREC/SUMWICI
1 N/2/I,PREC,CN<=DN/SUMCI
1 N/2/I,PREC,CI<=DI/SUMCI
1 N/2/I,PREC,CN<=DN/SUMWICI
1 N/2/I,PREC,CI<=DI/SUMWICI
1 N/2/I,PREC/SUMTI
1 N/2/I,PREC/SUMWITI

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1 N/2/I,PREC/SUMUI
1 N/2/I,PREC/SUMWIUI
1 N/2/I,PREC,RN>=0/CMAX
1 N/2/I,PREC,RN>=0/LMAX
1 N/2/I,PREC,RN>=0,CN<=DN/CMAX
1 N/2/I,PREC,RN>=0,CI<=DI/CMAX
1 N/2/I,PREC,RN>=0/SUMCI
1 N/2/I,PREC,RN>=0/SUMWICI
1 N/2/I,PREC,RN>=0,CN<=DN/SUMCI
1 N/2/I,PREC,RN>=0,CI<=DI/SUMCI
1 N/2/I,PREC,RN>=0,CN<=DN/SUMWICI
1 N/2/I,PREC,RN>=0,CI<=DI/SUMWICI
1 N/2/I,PREC,RN>=0/SUMTI
1 N/2/I,PREC,RN>=0/SUMWITI
1 N/2/I,PREC,RN>=0/SUMUI
1 N/2/I,PREC,RN>=0/SUMWIUI
1 N/2/I,PREC,RI>=0/CMAX
1 N/2/I,PREC,RI>=0/LMAX
1 N/2/I,PREC,RI>=0,CN<=DN/CMAX
1 N/2/I,PREC,RI>=0,CI<=DI/CMAX
1 N/2/I,PREC,RI>=0/SUMCI
1 N/2/I,PREC,RI>=0/SUMWICI
1 N/2/I,PREC,RI>=0,CN<=DN/SUMCI
1 N/2/I,PREC,RI>=0,CI<=DI/SUMCI
1 N/2/I,PREC,RI>=0,CN<=DN/SUMWICI
1 N/2/I,PREC,RI>=0,CI<=DI/SUMWICI
1 N/2/I,PREC,RI>=0/SUMTI
1 N/2/I,PREC,RI>=0/SUMWITI
1 N/2/I,PREC,RI>=0/SUMUI
1 N/2/I,PREC,RI>=0/SUMWIUI
* N/M/I,PI=1/CMAX
* N/M/I,PI=1/LMAX
* N/M/I,PI=1,CN<=DN/CMAX
* N/M/I,PI=1,CI<=DI/CMAX
* N/M/I,PI=1/SUMCI
* N/M/I,PI=1/SUMWICI
* N/M/I,PI=1,CN<=DN/SUMCI
* N/M/I,PI=1,CI<=DI/SUMCI
* N/M/I,PI=1,CN<=DN/SUMWICI
* N/M/I,PI=1,CI<=DI/SUMWICI
* N/M/I,PI=1/SUMTI
* N/M/I,PI=1/SUMWITI
* N/M/I,PI=1/SUMUI
* N/M/I,PI=1/SUMWIUI
* N/M/I,PI=1,RN>=0/CMAX
* N/M/I,PI=1,RN>=0/LMAX
* N/M/I,PI=1,RN>=0,CN<=DN/CMAX
* N/M/I,PI=1,RN>=0,CI<=DI/CMAX
* N/M/I,PI=1,RN>=0/SUMCI
* N/M/I,PI=1,RN>=0/SUMWICI

```



```

* N/M/I,PI=1,RN>=0,CN<=DN/SUMCI
* N/M/I,PI=1,RN>=0,CI<=DI/SUMCI
* N/M/I,PI=1,RN>=0,CN<=DN/SUMWICI
* N/M/I,PI=1,RN>=0,CI<=DI/SUMWICI
* N/M/I,PI=1,RN>=0/SUMTI
* N/M/I,PI=1,RN>=0/SUMWITI
* N/M/I,PI=1,RN>=0/SUMUI
* N/M/I,PI=1,RN>=0/SUMWIUI
* N/M/I,PI=1,RI>=0/CMAX
* N/M/I,PI=1,RI>=0/LMAX
* N/M/I,PI=1,RI>=0,CN<=DN/CMAX
* N/M/I,PI=1,RI>=0,CI<=DI/CMAX
* N/M/I,PI=1,RI>=0/SUMCI
* N/M/I,PI=1,RI>=0/SUMWICI
* N/M/I,PI=1,RI>=0,CN<=DN/SUMCI
* N/M/I,PI=1,RI>=0,CI<=DI/SUMCI
* N/M/I,PI=1,RI>=0,CN<=DN/SUMWICI
* N/M/I,PI=1,RI>=0,CI<=DI/SUMWICI
* N/M/I,PI=1,RI>=0/SUMTI
* N/M/I,PI=1,RI>=0/SUMWITI
* N/M/I,PI=1,RI>=0/SUMUI
* N/M/I,PI=1,RI>=0/SUMWIUI
? N/M/I,PI<=P*/CMAX
? N/M/I,PI<=P*/LMAX
? N/M/I,PI<=P*,CN<=DN/CMAX
? N/M/I,PI<=P*,CI<=DI/CMAX
* N/M/I,PI<=P*/SUMCI
? N/M/I,PI<=P*/SUMWICI
? N/M/I,PI<=P*,CN<=DN/SUMCI
? N/M/I,PI<=P*,CI<=DI/SUMCI
? N/M/I,PI<=P*,CN<=DN/SUMWICI
? N/M/I,PI<=P*,CI<=DI/SUMWICI
? N/M/I,PI<=P*/SUMTI
? N/M/I,PI<=P*/SUMWITI
? N/M/I,PI<=P*/SUMUI
? N/M/I,PI<=P*/SUMWIUI
? N/M/I,PI<=P*,RN>=0/CMAX
? N/M/I,PI<=P*,RN>=0/LMAX
? N/M/I,PI<=P*,RN>=0,CN<=DN/CMAX
? N/M/I,PI<=P*,RN>=0,CI<=DI/CMAX
? N/M/I,PI<=P*,RN>=0/SUMCI
? N/M/I,PI<=P*,RN>=0/SUMWICI
? N/M/I,PI<=P*,RN>=0,CN<=DN/SUMCI
? N/M/I,PI<=P*,RN>=0,CI<=DI/SUMCI
? N/M/I,PI<=P*,RN>=0,CN<=DN/SUMWICI
? N/M/I,PI<=P*,RN>=0,CI<=DI/SUMWICI
? N/M/I,PI<=P*,RN>=0/SUMTI
? N/M/I,PI<=P*,RN>=0/SUMWITI
? N/M/I,PI<=P*,RN>=0/SUMUI
? N/M/I,PI<=P*,RN>=0/SUMWIUI

```


? N/M/I, PI<=P*, RI>=0/CMAX
 ? N/M/I, PI<=P*, RI>=0/LMAX
 ? N/M/I, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/M/I, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/M/I, PI<=P*, RI>=0/SUMCI
 ? N/M/I, PI<=P*, RI>=0/SUMWICI
 ? N/M/I, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/M/I, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/M/I, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/M/I, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/M/I, PI<=P*, RI>=0/SUMTI
 ? N/M/I, PI<=P*, RI>=0/SUMWITI
 ? N/M/I, PI<=P*, RI>=0/SUMUI
 ? N/M/I, PI<=P*, RI>=0/SUMWIUI
 I N/M/I/CMAX
 I N/M/I/LMAX
 I N/M/I, CN<=DN/CMAX
 I N/M/I, CI<=DI/CMAX
 * N/M/I/SUMCI
 I N/M/I/SUMWICI
 ? N/M/I, CN<=DN/SUMCI
 I N/M/I, CI<=DI/SUMCI
 I N/M/I, CN<=DN/SUMWICI
 I N/M/I, CI<=DI/SUMWICI
 I N/M/I/SUMTI
 I N/M/I/SUMWITI
 I N/M/I/SUMUI
 I N/M/I/SUMWIUI
 I N/M/I, RN>=0/CMAX
 I N/M/I, RN>=0/LMAX
 I N/M/I, RN>=0, CN<=DN/CMAX
 I N/M/I, RN>=0, CI<=DI/CMAX
 I N/M/I, RN>=0/SUMCI
 I N/M/I, RN>=0/SUMWICI
 I N/M/I, RN>=0, CN<=DN/SUMCI
 I N/M/I, RN>=0, CI<=DI/SUMCI
 I N/M/I, RN>=0, CN<=DN/SUMWICI
 I N/M/I, RN>=0, CI<=DI/SUMWICI
 I N/M/I, RN>=0/SUMTI
 I N/M/I, RN>=0/SUMWITI
 I N/M/I, RN>=0/SUMUI
 I N/M/I, RN>=0/SUMWIUI
 I N/M/I, RI>=0/CMAX
 I N/M/I, RI>=0/LMAX
 I N/M/I, RI>=0, CN<=DN/CMAX
 I N/M/I, RI>=0, CI<=DI/CMAX
 I N/M/I, RI>=0/SUMCI
 I N/M/I, RI>=0/SUMWICI
 I N/M/I, RI>=0, CN<=DN/SUMCI
 I N/M/I, RI>=0, CI<=DI/SUMCI


```

1 N/M/I, RI>=0, CN<=DN/SUMWICI
1 N/M/I, RI>=0, CI<=DI/SUMWICI
1 N/M/I, RI>=0/SUMTI
1 N/M/I, RI>=0/SUMWITI
1 N/M/I, RI>=0/SUMUI
1 N/M/I, RI>=0/SUMWIUI
* N/M/I, TREE, PI=1/CMAX
? N/M/I, TREE, PI=1/LMAX
? N/M/I, TREE, PI=1, CN<=DN/CMAX
? N/M/I, TREE, PI=1, CI<=DI/CMAX
? N/M/I, TREE, PI=1/SUMCI
? N/M/I, TREE, PI=1/SUMWICI
? N/M/I, TREE, PI=1, CN<=DN/SUMCI
? N/M/I, TREE, PI=1, CI<=DI/SUMCI
? N/M/I, TREE, PI=1, CN<=DN/SUMWICI
? N/M/I, TREE, PI=1, CI<=DI/SUMWICI
? N/M/I, TREE, PI=1/SUMTI
? N/M/I, TREE, PI=1/SUMWITI
? N/M/I, TREE, PI=1/SUMUI
? N/M/I, TREE, PI=1/SUMWIUI
? N/M/I, TREE, PI=1, RN>=0/CMAX
? N/M/I, TREE, PI=1, RN>=0/LMAX
? N/M/I, TREE, PI=1, RN>=0, CN<=DN/CMAX
? N/M/I, TREE, PI=1, RN>=0, CI<=DI/CMAX
? N/M/I, TREE, PI=1, RN>=0/SUMCI
? N/M/I, TREE, PI=1, RN>=0/SUMWICI
? N/M/I, TREE, PI=1, RN>=0, CN<=DN/SUMCI
? N/M/I, TREE, PI=1, RN>=0, CI<=DI/SUMCI
? N/M/I, TREE, PI=1, RN>=0, CN<=DN/SUMWICI
? N/M/I, TREE, PI=1, RN>=0, CI<=DI/SUMWICI
? N/M/I, TREE, PI=1, RN>=0/SUMTI
? N/M/I, TREE, PI=1, RN>=0/SUMWITI
? N/M/I, TREE, PI=1, RN>=0/SUMUI
? N/M/I, TREE, PI=1, RN>=0/SUMWIUI
? N/M/I, TREE, PI=1, RI>=0/CMAX
? N/M/I, TREE, PI=1, RI>=0/LMAX
? N/M/I, TREE, PI=1, RI>=0, CN<=DN/CMAX
? N/M/I, TREE, PI=1, RI>=0, CI<=DI/CMAX
? N/M/I, TREE, PI=1, RI>=0/SUMCI
? N/M/I, TREE, PI=1, RI>=0/SUMWICI
? N/M/I, TREE, PI=1, RI>=0, CN<=DN/SUMCI
? N/M/I, TREE, PI=1, RI>=0, CI<=DI/SUMCI
? N/M/I, TREE, PI=1, RI>=0, CN<=DN/SUMWICI
? N/M/I, TREE, PI=1, RI>=0, CI<=DI/SUMWICI
? N/M/I, TREE, PI=1, RI>=0/SUMTI
? N/M/I, TREE, PI=1, RI>=0/SUMWITI
1 N/M/I, TREE, PI=1, RI>=0/SUMUI
1 N/M/I, TREE, PI=1, RI>=0/SUMWIUI
? N/M/I, TREE, PI<=P*/CMAX
? N/M/I, TREE, PI<=P*/LMAX

```


? N/M/I, TREE, PI<=P*, CN<=DN/CMAX
 ? N/M/I, TREE, PI<=P*, CI<=DI/CMAX
 ? N/M/I, TREE, PI<=P*/SUMCI
 ? N/M/I, TREE, PI<=P*/SUMWICI
 ? N/M/I, TREE, PI<=P*, CN<=DN/SUMCI
 ? N/M/I, TREE, PI<=P*, CI<=DI/SUMCI
 ? N/M/I, TREE, PI<=P*, CN<=DN/SUMWICI
 ? N/M/I, TREE, PI<=P*, CI<=DI/SUMWICI
 ? N/M/I, TREE, PI<=P*/SUMTI
 ? N/M/I, TREE, PI<=P*/SUMWITI
 ? N/M/I, TREE, PI<=P*/SUMUI
 ? N/M/I, TREE, PI<=P*/SUMWIUI
 ? N/M/I, TREE, PI<=P*, RN>=0/CMAX
 ? N/M/I, TREE, PI<=P*, RN>=0/LMAX
 ? N/M/I, TREE, PI<=P*, RN>=0, CN<=DN/CMAX
 ? N/M/I, TREE, PI<=P*, RN>=0, CI<=DI/CMAX
 ? N/M/I, TREE, PI<=P*, RN>=0/SUMCI
 ? N/M/I, TREE, PI<=P*, RN>=0/SUMWICI
 ? N/M/I, TREE, PI<=P*, RN>=0, CN<=DN/SUMCI
 ? N/M/I, TREE, PI<=P*, RN>=0, CI<=DI/SUMCI
 ? N/M/I, TREE, PI<=P*, RN>=0, CN<=DN/SUMWICI
 ? N/M/I, TREE, PI<=P*, RN>=0, CI<=DI/SUMWICI
 ? N/M/I, TREE, PI<=P*, RN>=0/SUMTI
 ? N/M/I, TREE, PI<=P*, RN>=0/SUMWITI
 ? N/M/I, TREE, PI<=P*, RN>=0/SUMUI
 ? N/M/I, TREE, PI<=P*, RN>=0/SUMWIUI
 ? N/M/I, TREE, PI<=P*, RI>=0/CMAX
 ? N/M/I, TREE, PI<=P*, RI>=0/LMAX
 ? N/M/I, TREE, PI<=P*, RI>=0, CN<=DN/CMAX
 ? N/M/I, TREE, PI<=P*, RI>=0, CI<=DI/CMAX
 ? N/M/I, TREE, PI<=P*, RI>=0/SUMCI
 ? N/M/I, TREE, PI<=P*, RI>=0/SUMWICI
 ? N/M/I, TREE, PI<=P*, RI>=0, CN<=DN/SUMCI
 ? N/M/I, TREE, PI<=P*, RI>=0, CI<=DI/SUMCI
 ? N/M/I, TREE, PI<=P*, RI>=0, CN<=DN/SUMWICI
 ? N/M/I, TREE, PI<=P*, RI>=0, CI<=DI/SUMWICI
 ? N/M/I, TREE, PI<=P*, RI>=0/SUMTI
 ? N/M/I, TREE, PI<=P*, RI>=0/SUMWITI
 ? N/M/I, TREE, PI<=P*, RI>=0/SUMUI
 ? N/M/I, TREE, PI<=P*, RI>=0/SUMWIUI
 ? N/M/I, TREE/CMAX
 ? N/M/I, TREE/LMAX
 ? N/M/I, TREE, CN<=DN/CMAX
 ? N/M/I, TREE, CI<=DI/CMAX
 ? N/M/I, TREE/SUMCI
 ? N/M/I, TREE/SUMWICI
 ? N/M/I, TREE, CN<=DN/SUMCI
 ? N/M/I, TREE, CI<=DI/SUMCI
 ? N/M/I, TREE, CN<=DN/SUMWICI
 ? N/M/I, TREE, CI<=DI/SUMWICI


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1 N/M/I, TREE/SUMTI
1 N/M/I, TREE/SUMWITI
1 N/M/I, TREE/SUMUI
1 N/M/I, TREE/SUMWIUI
1 N/M/I, TREE, RN>=0/CMAX
1 N/M/I, TREE, RN>=0/LMAX
1 N/M/I, TREE, RN>=0, CN<=DN/CMAX
1 N/M/I, TREE, RN>=0, CI<=DI/CMAX
1 N/M/I, TREE, RN>=0/SUMCI
1 N/M/I, TREE, RN>=0/SUMWICI
1 N/M/I, TREE, RN>=0, CN<=DN/SUMCI
1 N/M/I, TREE, RN>=0, CI<=DI/SUMCI
1 N/M/I, TREE, RN>=0, CN<=DN/SUMWICI
1 N/M/I, TREE, RN>=0, CI<=DI/SUMWICI
1 N/M/I, TREE, RN>=0/SUMTI
1 N/M/I, TREE, RN>=0/SUMWITI
1 N/M/I, TREE, RN>=0/SUMUI
1 N/M/I, TREE, RN>=0/SUMWIUI
1 N/M/I, TREE, RI>=0/CMAX
1 N/M/I, TREE, RI>=0/LMAX
1 N/M/I, TREE, RI>=0, CN<=DN/CMAX
1 N/M/I, TREE, RI>=0, CI<=DI/CMAX
1 N/M/I, TREE, RI>=0/SUMCI
1 N/M/I, TREE, RI>=0/SUMWICI
1 N/M/I, TREE, RI>=0, CN<=DN/SUMCI
1 N/M/I, TREE, RI>=0, CI<=DI/SUMCI
1 N/M/I, TREE, RI>=0, CN<=DN/SUMWICI
1 N/M/I, TREE, RI>=0, CI<=DI/SUMWICI
1 N/M/I, TREE, RI>=0/SUMTI
1 N/M/I, TREE, RI>=0/SUMWITI
1 N/M/I, TREE, RI>=0/SUMUI
1 N/M/I, TREE, RI>=0/SUMWIUI
1 N/M/I, PREC, PI=1/CMAX
1 N/M/I, PREC, PI=1/LMAX
1 N/M/I, PREC, PI=1, CN<=DN/CMAX
1 N/M/I, PREC, PI=1, CI<=DI/CMAX
1 N/M/I, PREC, PI=1/SUMCI
1 N/M/I, PREC, PI=1/SUMWICI
1 N/M/I, PREC, PI=1, CN<=DN/SUMCI
1 N/M/I, PREC, PI=1, CI<=DI/SUMCI
1 N/M/I, PREC, PI=1, CN<=DN/SUMWICI
1 N/M/I, PREC, PI=1, CI<=DI/SUMWICI
1 N/M/I, PREC, PI=1/SUMTI
1 N/M/I, PREC, PI=1/SUMWITI
1 N/M/I, PREC, PI=1/SUMUI
1 N/M/I, PREC, PI=1/SUMWIUI
1 N/M/I, PREC, PI=1, RN>=0/CMAX
1 N/M/I, PREC, PI=1, RN>=0/LMAX
1 N/M/I, PREC, PI=1, RN>=0, CN<=DN/CMAX
1 N/M/I, PREC, PI=1, RN>=0, CI<=DI/CMAX

```



```
1 N/M/I,PREC,PI=1,RN>=0/SUMCI
1 N/M/I,PREC,PI=1,RN>=0/SUMWICI
1 N/M/I,PREC,PI=1,RN>=0,CN<=DN/SUMCI
1 N/M/I,PREC,PI=1,RN>=0,CI<=DI/SUMCI
1 N/M/I,PREC,PI=1,RN>=0,CN<=DN/SUMWICI
1 N/M/I,PREC,PI=1,RN>=0,CI<=DI/SUMWICI
1 N/M/I,PREC,PI=1,RN>=0/SUMTI
1 N/M/I,PREC,PI=1,RN>=0/SUMWITI
1 N/M/I,PREC,PI=1,RN>=0/SUMUI
1 N/M/I,PREC,PI=1,RN>=0/SUMWIUI
1 N/M/I,PREC,PI=1,RI>=0/CMAX
1 N/M/I,PREC,PI=1,RI>=0/LMAX
1 N/M/I,PREC,PI=1,RI>=0,CN<=DN/CMAX
1 N/M/I,PREC,PI=1,RI>=0,CI<=DI/CMAX
1 N/M/I,PREC,PI=1,RI>=0/SUMCI
1 N/M/I,PREC,PI=1,RI>=0/SUMWICI
1 N/M/I,PREC,PI=1,RI>=0,CN<=DN/SUMCI
1 N/M/I,PREC,PI=1,RI>=0,CI<=DI/SUMCI
1 N/M/I,PREC,PI=1,RI>=0,CN<=DN/SUMWICI
1 N/M/I,PREC,PI=1,RI>=0,CI<=DI/SUMWICI
1 N/M/I,PREC,PI=1,RI>=0/SUMTI
1 N/M/I,PREC,PI=1,RI>=0/SUMWITI
1 N/M/I,PREC,PI=1,RI>=0/SUMUI
1 N/M/I,PREC,PI=1,RI>=0/SUMWIUI
1 N/M/I,PREC,PI<=P*/CMAX
1 N/M/I,PREC,PI<=P*/LMAX
1 N/M/I,PREC,PI<=P*,CN<=DN/CMAX
1 N/M/I,PREC,PI<=P*,CI<=DI/CMAX
1 N/M/I,PREC,PI<=P*/SUMCI
1 N/M/I,PREC,PI<=P*/SUMWICI
1 N/M/I,PREC,PI<=P*,CN<=DN/SUMCI
1 N/M/I,PREC,PI<=P*,CI<=DI/SUMCI
1 N/M/I,PREC,PI<=P*,CN<=DN/SUMWICI
1 N/M/I,PREC,PI<=P*,CI<=DI/SUMWICI
1 N/M/I,PREC,PI<=P*/SUMTI
1 N/M/I,PREC,PI<=P*/SUMWITI
1 N/M/I,PREC,PI<=P*/SUMUI
1 N/M/I,PREC,PI<=P*/SUMWIUI
1 N/M/I,PREC,PI<=P*,RN>=0/CMAX
1 N/M/I,PREC,PI<=P*,RN>=0/LMAX
1 N/M/I,PREC,PI<=P*,RN>=0,CN<=DN/CMAX
1 N/M/I,PREC,PI<=P*,RN>=0,CI<=DI/CMAX
1 N/M/I,PREC,PI<=P*,RN>=0/SUMCI
1 N/M/I,PREC,PI<=P*,RN>=0/SUMWICI
1 N/M/I,PREC,PI<=P*,RN>=0,CN<=DN/SUMCI
1 N/M/I,PREC,PI<=P*,RN>=0,CI<=DI/SUMCI
1 N/M/I,PREC,PI<=P*,RN>=0,CN<=DN/SUMWICI
1 N/M/I,PREC,PI<=P*,RN>=0,CI<=DI/SUMWICI
1 N/M/I,PREC,PI<=P*,RN>=0/SUMTI
1 N/M/I,PREC,PI<=P*,RN>=0/SUMWITI
```



```

1 N/M/I,PREC,PI<=P*,RN>=0/SUMUI
1 N/M/I,PREC,PI<=P*,RN>=0/SUMWIUI
1 N/M/I,PREC,PI<=P*,RI>=0/CMAX
1 N/M/I,PREC,PI<=P*,RI>=0/LMAX
1 N/M/I,PREC,PI<=P*,RI>=0,CN<=DN/CMAX
1 N/M/I,PREC,PI<=P*,RI>=0,CI<=DI/CMAX
1 N/M/I,PREC,PI<=P*,RI>=0/SUMCI
1 N/M/I,PREC,PI<=P*,RI>=0/SUMWICI
1 N/M/I,PREC,PI<=P*,RI>=0,CN<=DN/SUMCI
1 N/M/I,PREC,PI<=P*,RI>=0,CI<=DI/SUMCI
1 N/M/I,PREC,PI<=P*,RI>=0,CN<=DN/SUMWICI
1 N/M/I,PREC,PI<=P*,RI>=0,CI<=DI/SUMWICI
1 N/M/I,PREC,PI<=P*,RI>=0/SUMTI
1 N/M/I,PREC,PI<=P*,RI>=0/SUMWITI
1 N/M/I,PREC,PI<=P*,RI>=0/SUMUI
1 N/M/I,PREC,PI<=P*,RI>=0/SUMWIUI
1 N/M/I,PREC/CMAX
1 N/M/I,PREC/LMAX
1 N/M/I,PREC,CN<=DN/CMAX
1 N/M/I,PREC,CI<=DI/CMAX
1 N/M/I,PREC/SUMCI
1 N/M/I,PREC/SUMWICI
1 N/M/I,PREC,CN<=DN/SUMCI
1 N/M/I,PREC,CI<=DI/SUMCI
1 N/M/I,PREC,CN<=DN/SUMWICI
1 N/M/I,PREC,CI<=DI/SUMWICI
1 N/M/I,PREC/SUMTI
1 N/M/I,PREC/SUMWITI
1 N/M/I,PREC/SUMUI
1 N/M/I,PREC/SUMWIUI
1 N/M/I,PREC,RN>=0/CMAX
1 N/M/I,PREC,RN>=0/LMAX
1 N/M/I,PREC,RN>=0,CN<=DN/CMAX
1 N/M/I,PREC,RN>=0,CI<=DI/CMAX
1 N/M/I,PREC,RN>=0/SUMCI
1 N/M/I,PREC,RN>=0/SUMWICI
1 N/M/I,PREC,RN>=0,CN<=DN/SUMCI
1 N/M/I,PREC,RN>=0,CI<=DI/SUMCI
1 N/M/I,PREC,RN>=0,CN<=DN/SUMWICI
1 N/M/I,PREC,RN>=0,CI<=DI/SUMWICI
1 N/M/I,PREC,RN>=0/SUMTI
1 N/M/I,PREC,RN>=0/SUMWITI
1 N/M/I,PREC,RN>=0/SUMUI
1 N/M/I,PREC,RN>=0/SUMWIUI
1 N/M/I,PREC,RI>=0/CMAX
1 N/M/I,PREC,RI>=0/LMAX
1 N/M/I,PREC,RI>=0,CN<=DN/CMAX
1 N/M/I,PREC,RI>=0,CI<=DI/CMAX
1 N/M/I,PREC,RI>=0/SUMCI
1 N/M/I,PREC,RI>=0/SUMWICI

```



```
1 N/M/I,PREC,RI>=0,CN<=DN/SUMCI
1 N/M/I,PREC,RI>=0,CI<=DI/SUMCI
1 N/M/I,PREC,RI>=0,CN<=DN/SUMWICI
1 N/M/I,PREC,RI>=0,CI<=DI/SUMWICI
1 N/M/I,PREC,RI>=0/SUMTI
1 N/M/I,PREC,RI>=0/SUMHITI
1 N/M/I,PREC,RI>=0/SUMUI
1 N/M/I,PREC,RI>=0/SUMHIUI
```


7. CONCLUDING REMARKS

Throughout, our objective has been to locate as precisely as possible the borderline between "easy" problems (in \mathcal{P}) and "hard" (NP-complete) problems. Gathering all results, we find that a reasonable insight in the location of the above-mentioned borderline has been obtained, although some questions remain open. Continuing efforts in this area seem to be required.

Let us stress that NP-completeness versus membership of \mathcal{P} only yields a very coarse measure of problem complexity. In addition, there appear to exist significant differences in complexity within the class of NP-complete problems itself. This aspect again seems worthy of further investigation. It seems safe to predict important advances in this rapidly developing field in the near future. Hence, we will not pursue this matter any further in this section.

In summary, an abundance of work remains to be done. We conclude that healthy interaction between theory and practice should continue to make scheduling problems a challenging research area in the field of operations research.

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