

Martin
Multiply
#1

Martin
#2

P register

MOVE

non-
to
Carla

ONE

JAN-1

WALSH

CV

ONES

P²=0

P²=0

| PROBLEM No. | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | Σ |
|--------------|-----------------------------|----|----|----|------|-----|-----|------|------|----------|----|----|----|--|--|-----|-----|
| INST. | STRETCH | 21 | 17 | 10 | 93 | 82 | 207 | 131 | 81 | 88 | 78 | 24 | 23 | | | | 855 |
| | 704 | | | | 155 | | 400 | 218 | 325 | 206(700) | | | | | | | |
| INDEXING | No. OF INDEX REGISTERS USED | 7 | 7 | 3 | 5 | 4 | 13 | 1 | 3 | 3 | 12 | 4 | 7 | | | | 69 |
| | ON DIRECT | 14 | 13 | 7 | 45 | 29 | 98 | 16 | 38 | 34 | 51 | 7 | 8 | | | | 360 |
| | O A GEOMETRIC | 5 | 5 | 2 | 3 | 0 | 27 | 0 | 12 | 2 | 2 | 6 | 7 | | | | 71 |
| | TOTAL | 19 | 18 | 9 | 48 | 29 | 125 | 16 | 50 | 36 | 53 | 13 | 15 | | | | 431 |
| | SAX (1) <i>single ind.</i> | 8 | 7 | 0 | 25 | 10 | 18 | 9 | 0 | 2 | 20 | 0 | 0 | | | | 99 |
| | SAX (2) <i>double ind.</i> | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | | | | 7 |
| | TOTAL | 8 | 7 | 0 | 25 | 10 | 24 | 9 | 0 | 2 | 20 | 0 | 1 | | | | 106 |
| | No OF RESETS | 7 | 7 | 5 | 2 | 9 | 27 | 0 | 16 | 4 | 1 | 3 | 3 | | | | 82 |
| | No. OF "LINKS" >1 | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 24 | 2 | 17 | 4 | 2 | | | | 59 |
| | TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 2 | 0 | 0 | 0 | | | | 8 |
| S A | SECONDARY OPERATIONS | 0 | 1 | 0 | 20 | 4 | 40 | 22 | 0 | 14 | 13 | 2 | 2 | | | | 118 |
| | L | 0 | 1 | 0 | 20 | 4 | 40 | 22 | 0 | 14 | 13 | 2 | 2 | | | | 144 |
| | S | 7 | 4 | 0 | 23 | 18 | 28 | 28 | 0 | 13 | 15 | 5 | 3 | | | | 11 |
| | L,S | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | | | | |
| | TOTAL | 7 | 5 | 0 | 44 | 28 | 68 | 56 | 0 | 32 | 29 | 7 | 5 | | | | 281 |
| OTHER SA USE | 10 | 10 | 7 | 26 | 37 | 75 | 21 | 63 | 23 | 39 | 9 | 12 | | | | 332 | |
| TOTAL | 17 | 15 | 7 | 70 | 65 | 143 | 77 | 63 | 55 | 68 | 16 | 17 | | | | 613 | |
| O A D | IMM. DIRECT | 0 | 0 | 0 | | 1 | 0 | | | 0 | 1 | 0 | 0 | | | | 2 |
| | DIRECT INDIRECT | 3 | 2 | 0 | N.C. | 1 | 63 | N.C. | N.C. | 0 | 5 | 5 | 6 | | | | 85 |
| | TOTAL | 3 | 2 | 0 | | 2 | 63 | | | 0 | 6 | 5 | 6 | | | | 87 |
| S A D | IMM. DIRECT | 0 | 0 | 0 | | 5 | 6 | | | 1 | 0 | 1 | 1 | | | | 14 |
| | DIRECT INDIRECT | 2 | 3 | 0 | N.C. | 0 | 25 | N.C. | N.C. | 0 | 1 | 0 | 1 | | | | 32 |
| | TOTAL | 2 | 3 | 0 | | 5 | 31 | | | 1 | 1 | 1 | 2 | | | | 46 |
| MISC. | PT BITS | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | | | | 4 |
| | ARITH. TO MEMORY | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 1 |
| | BF > 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | | | | 2 |
| | Machine Set indicators | 0 | 0 | 0 | 8 | 2 | 7 | 3 | 12 | 2 | 8 | 2 | 1 | | | | 35 |