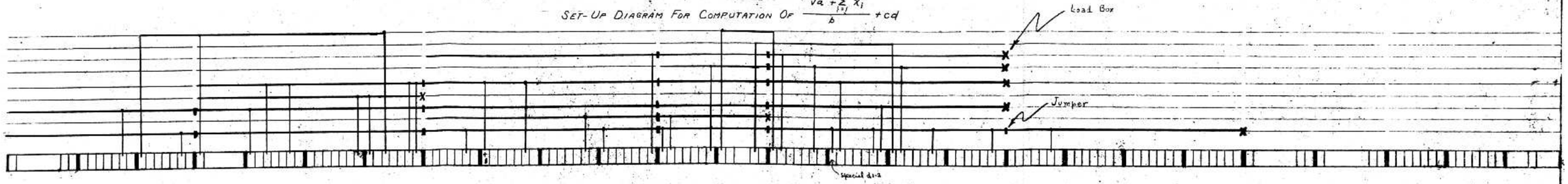
TABLE 6-13
SET-UP TABLE

SET-UP DIAGRAM FOR COMPUTATION OF $\frac{\sqrt{a} + \sum_{i=1}^{3} x_i^2}{b} + cd$




| ADD TIME | I.U. IP & SC | I.U. R | I.U. P | M.P. | F.T. #1 | Acc. #1 | Acc. #2 Q | Div. 22AC, 4αAC | Acc. #3 N | Acc. #4 | Acc. #5 D | Acc. #6 | Acc. #7 S | Acc. #8 | Acc. #9 Ier | Acc. #10 Icand | Mult. #SC=AC2 | Acc. #11 LHPP | Acc. #12 | Acc. #13 RHPP + FP | Acc. #14 | Acc. #15 | Acc. #16 | Acc. #17 | Acc. #18 | F.T. #2 | F.T. #3 | Acc. #19 | Acc. #20 | C.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | 10ca<10 [1] | | | | 4<abc<10 [3] | | 0<c<1 [0] | | 0<d<50 [3] | | | | | 0<x<1 [1] | | 0<x<1 [1] | 0<x3<1 [1] | | | | | | | | |
| I-1 | | | | | | 1-1 ⑤ AC1 2-1 | | 1-1 αC 00 & AR RO I(2-4) | a [4] | | | | | | 2-1 ⑥ 001 2-2 | | | | 2-1 ⑥ AC2 | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | $x_1$ [1] | | 2-2 αO αC AC 10,6 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | 2-3 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | $x_1^2$ [2] | | | | $x_1^2$ [2] | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | 2-3 ⑨ OC αC AC2 8,6 | | | | | | | | | | | | |
| 22 | | | | 1-2 Ai $A_1$ 2-4 | | | | | | | | | | | | | 1-2 | | | $x_1^3$ [3] | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | 2-4 ⑥ 001 2-2 | | | | 1-2 ⑥ αO2 | $x_1^3$ [3] $2x_1^3$ | 2-4 ⑥ AC2 | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | 2-2 ⑤ | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | $x_2$ | $x_2$ | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | | 2-3 | | | $x_2^2$ | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | $x_2^2$ | 2-3 ⑩ | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | 1-2 | | | $x_2^3$ | | | | | | | | | |
| 45 | | | | 1-2 Ai $A_2$ 2-5 | | | | | | | | | | | | | | | 1-2 ⑥ $2x_1^3+x_2^3$ | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | 2-5 ⑦ 001 2-2 | | | | $2(x_1^3+x_2^3)$ | | 2-5 ⑥ AC2 | | | | | | | | |
| 47 | | | | | | | | | | | | | | | $x_3$ | $x_3$ | 2-2 ⑨ | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | 2-3 | | | $x_3^2$ | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | $x_3^2$ | 2-3 ⑩ | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | | | | 1-2 | | | $x_3^3$ | | | | | | | | | |
| 67 | | | | 1-2 Ai $A_3$ 2-6 | | | | | | | | | | | | | | | 1-2 ⑥ $2(x_1^3+x_2^3+x_3^3)$ | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | $2\sum_{i=1}^{3} x_i^3$ [7] | | | | | | | | | | |
| END OF DIVIDER PROGRAM ① | | | | | | | | 1-3 | | | $2\sqrt{a}$ [3] | | | | | | | | | | | | | | | | | | |
| II-1 | | | | | | | | | | | | | | | | | | | 1-3 ⑦ 801 1-4 | $2\sqrt{a}+2x_1^3$ [3] | | | | | | | | | |
| 2 | | | | | | | | 1-4 ② αC αC 2 D & RO NI | $-2(\sqrt{a}+\sum x_i^3)$ [3] | 1-4 ⑥ SC1 | $-2b$ [3] | 1-4 ① AC1 | | 1-4 ① AC1 | c [0] | d [2] | 1-4 αC βC AC 8,6 | | 1-4 ⑥ SC1 | | | | | | | | | | |
| 11 | | | | | | | | 1-5 | | | | | | | | | | | | c·d [2] | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | 1-5 ⑨ αO1 | c·d [2] | | | | | | | | | |
| END OF DIVIDER PROGRAM ② | | | | | | | | | | | $\frac{2\sqrt{a}+2x_1^3}{2b}$ [3] | | | | | | | | | | | | | | | | | | |
| III-1 | | | | | | | | 1-6 | | | | | | | | | | | 1-6 ⑦ αO1 1-7 | X [2] | | | | | | | | | |