

Table IA

| # | $T_i(A); y$ | a^2 | b^2 | c^2 | $b \cdot c$ | $a \cdot c$ | $a \cdot b$ | SG | a | b | c |
|----|-------------|-------|-------|-------|-------------|-------------|-------------|-----|-------|-------------------------------|-----------------------|
| 1 | 8 6 12; (1) | 3 | 3 | 3 | -1 | -1 | -1 | 229 | 1 1 1 | 1 $\bar{1}$ $\bar{1}$ | $\bar{1}$ 1 $\bar{1}$ |
| 2 | 4 2 4; 1a | 3 | 3 | 8 | 0 | 0 | -1 | 65 | 1 1 1 | $\bar{1}$ $\bar{1}$ 1 | 2 $\bar{2}$ 0 |
| 3 | 0 6 12; 1 | 4 | 4 | 4 | 0 | 0 | 0 | 221 | 2 0 0 | 0 2 0 | 0 0 2 |
| 4 | 4 2 2; 2a | 3 | 3 | 19 | -1 | -1 | -1 | 69 | 1 1 1 | $\bar{1}$ $\bar{1}$ 1 | 3 $\bar{3}$ $\bar{1}$ |
| 5 | 2 0 6; 2 | 3 | 8 | 8 | -4 | 0 | 0 | 164 | 1 1 1 | $\bar{2}$ 0 2 | 2 $\bar{2}$ 0 |
| 6 | 0 4 4; 2 | 4 | 4 | 11 | -2 | -2 | 0 | 139 | 2 0 0 | 0 2 0 | $\bar{1}$ $\bar{1}$ 3 |
| 7 | 4 2 2; 3 | 3 | 3 | 32 | 0 | 0 | -1 | 65 | 1 1 1 | $\bar{1}$ $\bar{1}$ 1 | 4 $\bar{4}$ 0 |
| 8 | 2 0 2; 3 | 3 | 8 | 11 | 0 | -1 | 0 | 10 | 1 1 1 | $\bar{2}$ 0 2 | 1 $\bar{3}$ 1 |
| 9 | 2 0 0; 3 | 3 | 11 | 11 | -5 | -1 | -1 | 166 | 1 1 1 | $\bar{3}$ 1 1 | 1 $\bar{3}$ 1 |
| 10 | 0 4 4; 3 | 4 | 4 | 16 | 0 | 0 | 0 | 123 | 2 0 0 | 0 2 0 | 0 0 4 |
| 11 | 0 2 4; 3 | 4 | 8 | 8 | 0 | 0 | 0 | 123 | 2 0 0 | 0 2 2 | 0 2 $\bar{2}$ |
| 12 | 0 2 2; 3 | 4 | 8 | 11 | -4 | -2 | 0 | 71 | 2 0 0 | 0 $\bar{2}$ $\bar{2}$ | $\bar{1}$ 3 $\bar{1}$ |
| 13 | 0 0 12; 3 | 8 | 8 | 8 | 4 | 4 | 4 | 225 | 2 2 0 | 0 2 2 | 2 0 2 |
| 14 | 4 2 2; 4 | 3 | 3 | 51 | -1 | -1 | -1 | 69 | 1 1 1 | $\bar{1}$ $\bar{1}$ 1 | 5 $\bar{5}$ $\bar{1}$ |
| 15 | 2 0 2; 4 | 3 | 8 | 19 | -4 | -1 | 0 | 12 | 1 1 1 | $\bar{2}$ 2 0 | $\bar{1}$ $\bar{3}$ 3 |
| 16 | 0 4 4; 4 | 4 | 4 | 27 | -2 | -2 | 0 | 139 | 2 0 0 | 0 2 0 | $\bar{1}$ $\bar{1}$ 5 |
| 17 | 0 2 0; 4 | 4 | 11 | 11 | 1 | 2 | 2 | 87 | 2 0 0 | 1 $\bar{3}$ $\bar{1}$ | 1 1 $\bar{3}$ |
| 18 | 0 0 6; 4 | 8 | 8 | 11 | 4 | 4 | 4 | 166 | 2 2 0 | 0 2 $\bar{2}$ | $\bar{1}$ 3 1 |
| 19 | 4 2 2; 5 | 3 | 3 | 72 | 0 | 0 | -1 | 65 | 1 1 1 | $\bar{1}$ $\bar{1}$ 1 | 6 $\bar{6}$ 0 |
| 20 | 2 0 2; 5 | 3 | 8 | 24 | 0 | 0 | 0 | 10 | 1 1 1 | 2 $\bar{2}$ 0 | 2 2 $\bar{4}$ |
| 21 | 2 0 0; 5 | 3 | 11 | 19 | 3 | 1 | 1 | 2 | 1 1 1 | $\bar{1}$ $\bar{1}$ 3 | 3 $\bar{3}$ 1 |
| 22 | 0 4 4; 5 | 4 | 4 | 36 | 0 | 0 | 0 | 123 | 2 0 0 | 0 2 0 | 0 0 6 |
| 23 | 0 2 2; 5a | 4 | 8 | 19 | 0 | -2 | 0 | 65 | 2 0 0 | 0 $\bar{2}$ $\bar{2}$ | $\bar{1}$ 3 $\bar{3}$ |
| 24 | 0 2 2; 5b | 4 | 8 | 20 | -4 | 0 | 0 | 65 | 2 0 0 | 0 $\bar{2}$ $\bar{2}$ | 0 4 $\bar{2}$ |
| 25 | 0 2 0; 5 | 4 | 11 | 16 | -4 | 0 | -2 | 12 | 2 0 0 | $\bar{1}$ $\bar{3}$ $\bar{1}$ | 0 0 4 |
| 26 | 0 0 6; 5 | 8 | 8 | 12 | 0 | 0 | -4 | 164 | 2 2 0 | $\bar{2}$ 0 $\bar{2}$ | $\bar{2}$ 2 2 |
| 27 | 0 0 4; 5 | 8 | 8 | 11 | 0 | -4 | 0 | 65 | 2 2 0 | $\bar{2}$ 2 0 | $\bar{1}$ $\bar{1}$ 3 |
| 28 | 0 0 2; 5 | 8 | 11 | 11 | 5 | 4 | 4 | 12 | 2 2 0 | $\bar{1}$ 3 1 | 1 1 3 |
| 29 | 4 2 2; 6 | 3 | 3 | 99 | -1 | -1 | -1 | 69 | 1 1 1 | $\bar{1}$ $\bar{1}$ 1 | 7 $\bar{7}$ $\bar{1}$ |
| 30 | 2 0 2; 6 | 3 | 8 | 35 | -4 | -1 | 0 | 12 | 1 1 1 | $\bar{2}$ 0 2 | 3 $\bar{5}$ 1 |
| 31 | 2 0 0; 6 | 3 | 19 | 19 | -9 | -1 | -1 | 148 | 1 1 1 | $\bar{3}$ $\bar{1}$ 3 | 3 $\bar{3}$ $\bar{1}$ |
| 32 | 0 4 4; 6 | 4 | 4 | 51 | -2 | -2 | 0 | 139 | 2 0 0 | 0 2 0 | $\bar{1}$ $\bar{1}$ 7 |
| 33 | 0 2 0; 6 | 4 | 11 | 20 | -2 | 0 | -2 | 12 | 2 0 0 | $\bar{1}$ $\bar{3}$ $\bar{1}$ | 0 2 $\bar{4}$ |
| 34 | 0 0 6; 6 | 8 | 8 | 19 | 4 | 4 | 4 | 166 | 2 2 0 | 0 2 2 | 3 $\bar{1}$ 3 |
| 35 | 0 0 2; 6 | 8 | 11 | 11 | -1 | 0 | -4 | 12 | 2 2 0 | $\bar{3}$ 1 1 | 1 $\bar{1}$ 3 |

1A

Table 1 (continued):

| # | $T_i(A); y$ | a^2 | b^2 | c^2 | $b \cdot c$ | $a \cdot c$ | $a \cdot b$ | SG | a | b | c |
|----|--------------|-------|-------|-------|-------------|-------------|-------------|-----|-------|---------------------------|---------------------------|
| 36 | 4 2 2; 7 | 3 | 3 | 128 | 0 | 0 | -1 | 65 | 1 1 1 | $\bar{1} \bar{1} 1$ | 8 $\bar{8} 0$ |
| 37 | 2 0 2; 7 | 3 | 8 | 43 | 0 | -1 | 0 | 10 | 1 1 1 | $\bar{2} 2 0$ | $\bar{3} \bar{3} 5$ |
| 38 | 2 0 0 2; 7a | 3 | 11 | 32 | 0 | 0 | -1 | 10 | 1 1 1 | $\bar{3} 1 1$ | 0 $\bar{4} 4$ |
| 39 | 2 0 0 2; 7b | 3 | 11 | 35 | -5 | -1 | -1 | 12 | 1 1 1 | $\bar{3} 1 1$ | 1 $\bar{5} 3$ |
| 40 | 2 0 0 0; 7 | 3 | 19 | 19 | 3 | 1 | 1 | 12 | 1 1 1 | $\bar{3} 1 3$ | 1 $\bar{3} 3$ |
| 41 | 0 4 4; 7 | 4 | 4 | 64 | 0 | 0 | 0 | 123 | 2 0 0 | 0 2 0 | 0 0 8 |
| 42 | 0 2 2; 7a | 4 | 8 | 32 | 0 | 0 | 0 | 47 | 2 0 0 | 0 2 2 | 0 4 $\bar{4}$ |
| 43 | 0 2 2; 7b | 4 | 8 | 35 | -4 | -2 | 0 | 71 | 2 0 0 | 0 $\bar{2} \bar{2}$ | $\bar{1} 5 \bar{3}$ |
| 44 | 0 2 0 4; 7 | 4 | 11 | 27 | 3 | 2 | 2 | 12 | 2 0 0 | 1 3 1 | 1 $\bar{1} 5$ |
| 45 | 0 2 0 0; 7a | 4 | 16 | 16 | 0 | 0 | 0 | 123 | 2 0 0 | 0 4 0 | 0 0 4 |
| 46 | 0 2 0 0; 7b | 4 | 16 | 20 | -8 | 0 | 0 | 65 | 2 0 0 | 0 4 0 | 0 $\bar{2} 4$ |
| 47 | 0 0 6; 7 | 8 | 8 | 24 | 4 | 4 | 4 | 166 | 2 2 0 | 0 $\bar{2} \bar{2}$ | $\bar{2} 4 2$ |
| 48 | 0 0 4; 7a | 8 | 8 | 16 | 0 | 0 | 0 | 123 | 2 2 0 | $\bar{2} 2 0$ | 0 0 4 |
| 49 | 0 0 4; 7b | 8 | 8 | 20 | -4 | -4 | 0 | 139 | 2 2 0 | $\bar{2} 2 0$ | 0 $\bar{2} 4$ |
| 50 | 0 0 2 4; 7 | 8 | 11 | 16 | -4 | 0 | -4 | 12 | 2 2 0 | $\bar{3} 1 \bar{1}$ | 0 0 4 |
| 51 | 0 0 2 2; 7 | 8 | 11 | 12 | -2 | 0 | 0 | 10 | 2 2 0 | $\bar{1} 1 \bar{3}$ | $\bar{2} 2 2$ |
| 52 | 0 0 2 0; 7 | 8 | 12 | 12 | -4 | 0 | 0 | 65 | 2 2 0 | $\bar{2} 2 2$ | $\bar{2} 2 2$ |
| 53 | 0 0 0 6; 7 | 11 | 11 | 11 | -1 | -1 | -5 | 12 | 3 1 1 | $\bar{1} \bar{3} 1$ | 1 $\bar{1} \bar{3}$ |
| 54 | 0 0 0 4; 7 | 11 | 11 | 12 | -2 | -2 | -5 | 12 | 3 1 1 | $\bar{1} 1 \bar{3}$ | $\bar{2} 2 2$ |
| 55 | 0 0 0 0 8; 7 | 12 | 12 | 12 | -4 | -4 | -4 | 229 | 2 2 2 | $\bar{2} \bar{2} 2$ | $\bar{2} \bar{2} \bar{2}$ |
| 56 | 2 0 2 4; 8 | 3 | 8 | 56 | -4 | 0 | 0 | 65 | 1 1 1 | $\bar{2} 0 2$ | 4 $\bar{6} 2$ |
| 57 | 2 0 0 0; 8a | 3 | 19 | 24 | -4 | 0 | -1 | 2 | 1 1 1 | $\bar{3} 3 \bar{1}$ | $\bar{2} \bar{2} 4$ |
| 58 | 2 0 0 0; 8b | 3 | 24 | 24 | -12 | 0 | 0 | 164 | 1 1 1 | $\bar{4} 2 2$ | $\bar{2} 4 2$ |
| 59 | 0 2 0 4; 8 | 4 | 11 | 35 | 5 | 2 | 2 | 12 | 2 0 0 | 1 $\bar{3} 1$ | 1 $\bar{3} \bar{5}$ |
| 60 | 0 2 0 0; 8a | 4 | 19 | 19 | 1 | 2 | 2 | 139 | 2 0 0 | 1 $\bar{3} \bar{3}$ | 1 3 $\bar{3}$ |
| 61 | 0 2 0 0; 8b | 4 | 19 | 20 | -6 | 0 | -2 | 12 | 2 0 0 | $\bar{1} \bar{3} \bar{3}$ | 0 4 $\bar{2}$ |
| 62 | 0 0 2 4; 8a | 8 | 11 | 19 | -3 | 0 | -4 | 12 | 2 2 0 | $\bar{1} \bar{1} \bar{3}$ | $\bar{3} 3 1$ |
| 63 | 0 0 2 4; 8b | 8 | 11 | 20 | 2 | 4 | 4 | 69 | 2 2 0 | $\bar{1} 3 \bar{1}$ | 0 2 4 |
| 64 | 0 0 6 0; 8 | 8 | 8 | 27 | 0 | 0 | -4 | 164 | 2 2 0 | $\bar{2} 0 \bar{2}$ | $\bar{3} 3 3$ |
| 65 | 0 0 2 2; 8 | 8 | 11 | 19 | -5 | -4 | 0 | 12 | 2 2 0 | $\bar{1} 1 \bar{3}$ | $\bar{3} 1 3$ |
| 66 | 0 0 0 6; 8 | 11 | 11 | 11 | -1 | -1 | -1 | 166 | 3 1 1 | $\bar{1} \bar{1} 3$ | 1 $\bar{3} \bar{1}$ |

Table 2A

| # | $T_i(A); y$ | a^2 | b^2 | c^2 | $b \cdot c$ | $a \cdot c$ | $a \cdot b$ | SG | a | b | c |
|----|--------------|-------|-------|-------|-------------|-------------|-------------|-----|-------|-----------------------|-----------------------|
| 1 | 12 6 24; (1) | 2 | 2 | 2 | 1 | 1 | 1 | 225 | 1 1 0 | 0 1 1 | 1 0 1 |
| 2 | 6 0 12; 1a | 2 | 2 | 6 | 1 | 1 | 1 | 166 | 1 1 0 | 0 1 $\bar{1}$ | $\bar{1}$ 2 1 |
| 3 | 4 6 8; 1 | 2 | 2 | 4 | 0 | 0 | 0 | 123 | 1 1 0 | $\bar{1}$ 1 0 | 0 0 2 |
| 4 | 6 0 6; 2 | 2 | 2 | 12 | 0 | 0 | -1 | 164 | 1 1 0 | $\bar{1}$ 0 $\bar{1}$ | $\bar{2}$ 2 2 |
| 5 | 4 4 0; 2 | 2 | 2 | 10 | -1 | -1 | 0 | 139 | 1 1 0 | $\bar{1}$ 1 0 | 0 $\bar{1}$ 3 |
| 6 | 2 2 12; 2a | 2 | 4 | 6 | -2 | -1 | 0 | 71 | 1 1 0 | 0 0 $\bar{2}$ | $\bar{2}$ 1 1 |
| 7 | 6 0 6; 3 | 2 | 2 | 22 | 1 | 1 | 1 | 166 | 1 1 0 | 0 1 1 | 3 $\bar{2}$ 3 |
| 8 | 4 4 0; 3 | 2 | 2 | 16 | 0 | 0 | 0 | 123 | 1 1 0 | $\bar{1}$ 1 0 | 0 0 4 |
| 9 | 2 2 4; 3 | 2 | 4 | 8 | 0 | 0 | 0 | 47 | 1 1 0 | 0 0 2 | $\bar{2}$ 2 0 |
| 10 | 2 0 6; 3 | 2 | 6 | 6 | -1 | 0 | -1 | 12 | 1 1 0 | $\bar{2}$ 1 1 | 1 $\bar{1}$ 2 |
| 11 | 2 0 4; 3 | 2 | 6 | 6 | -2 | 0 | 0 | 65 | 1 1 0 | $\bar{1}$ 1 $\bar{2}$ | $\bar{1}$ 1 2 |
| 12 | 0 6 0; 3 | 4 | 4 | 4 | 0 | 0 | 0 | 221 | 2 0 0 | 0 2 0 | 0 0 2 |
| 13 | 0 4 8; 3 | 4 | 4 | 6 | -2 | -2 | 0 | 139 | 2 0 0 | 0 $\bar{2}$ 0 | $\bar{1}$ 1 2 |
| 14 | 6 0 6; 4 | 2 | 2 | 34 | 1 | 1 | 1 | 166 | 1 1 0 | 0 1 $\bar{1}$ | $\bar{3}$ 4 3 |
| 15 | 4 4 0; 4 | 2 | 2 | 26 | -1 | -1 | 0 | 139 | 1 1 0 | $\bar{1}$ 1 0 | 0 $\bar{1}$ 5 |
| 16 | 2 2 4; 4 | 2 | 4 | 14 | -2 | -1 | 0 | 71 | 1 1 0 | 0 0 $\bar{2}$ | $\bar{3}$ 2 1 |
| 17 | 2 0 4; 4 | 2 | 6 | 10 | 2 | 1 | 1 | 12 | 1 1 0 | $\bar{1}$ 2 1 | 1 0 3 |
| 18 | 0 2 8; 4 | 4 | 6 | 6 | 1 | 2 | 2 | 87 | 2 0 0 | 1 $\bar{2}$ 1 | 1 1 2 |
| 19 | 6 0 6; 5 | 2 | 2 | 48 | 0 | 0 | -1 | 164 | 1 1 0 | $\bar{1}$ 0 $\bar{1}$ | $\bar{4}$ 4 4 |
| 20 | 4 4 0; 5 | 2 | 2 | 36 | 0 | 0 | 0 | 123 | 1 1 0 | $\bar{1}$ 1 0 | 0 0 6 |
| 21 | 2 2 4; 5 | 2 | 4 | 18 | 0 | 0 | 0 | 47 | 1 1 0 | 0 0 2 | $\bar{3}$ 3 0 |
| 22 | 2 0 4; 5 | 2 | 6 | 14 | 2 | 1 | 1 | 12 | 1 1 0 | $\bar{1}$ 2 $\bar{1}$ | $\bar{1}$ 2 3 |
| 23 | 2 0 2; 5a | 2 | 6 | 12 | 0 | 0 | 0 | 10 | 1 1 0 | $\bar{1}$ 1 $\bar{2}$ | $\bar{2}$ 2 2 |
| 24 | 2 0 2; 5b | 2 | 6 | 14 | -3 | -1 | 0 | 12 | 1 1 0 | $\bar{1}$ 1 $\bar{2}$ | $\bar{2}$ 1 3 |
| 25 | 2 0 0; 5 | 2 | 8 | 10 | -2 | -1 | 0 | 12 | 1 1 0 | $\bar{2}$ 2 0 | 0 $\bar{1}$ 3 |
| 26 | 0 4 0; 5 | 4 | 4 | 10 | 0 | -2 | 0 | 65 | 2 0 0 | 0 $\bar{2}$ 0 | $\bar{1}$ 0 3 |
| 27 | 0 2 4; 5 | 4 | 6 | 8 | -2 | 0 | -2 | 12 | 2 0 0 | $\bar{1}$ $\bar{2}$ 1 | 0 2 2 |
| 28 | 0 0 8; 5 | 6 | 6 | 6 | 1 | 2 | 3 | 12 | 2 1 1 | 1 $\bar{1}$ 2 | 2 $\bar{1}$ $\bar{1}$ |
| 29 | 6 0 6; 6 | 2 | 2 | 66 | 1 | 1 | 1 | 166 | 1 1 0 | 0 1 1 | 5 $\bar{4}$ 5 |
| 30 | 2 2 4; 6 | 2 | 4 | 26 | -2 | -1 | 0 | 71 | 1 1 0 | 0 0 $\bar{2}$ | $\bar{4}$ 3 1 |
| 31 | 2 0 4; 6 | 2 | 6 | 18 | -1 | 0 | -1 | 12 | 1 1 0 | $\bar{2}$ 1 $\bar{1}$ | $\bar{1}$ 1 4 |
| 32 | 2 0 0; 6 | 2 | 10 | 12 | -4 | 0 | -1 | 12 | 1 1 0 | $\bar{1}$ 0 $\bar{3}$ | $\bar{2}$ 2 2 |
| 33 | 0 2 4; 6 | 4 | 6 | 10 | -1 | 0 | -2 | 12 | 2 0 0 | $\bar{1}$ $\bar{2}$ 1 | 0 $\bar{1}$ $\bar{3}$ |
| 34 | 0 0 6; 6 | 6 | 6 | 6 | -1 | -1 | -1 | 148 | 2 1 1 | $\bar{1}$ $\bar{1}$ 2 | 1 $\bar{2}$ $\bar{1}$ |

2A
Table B (continued):

| # | $T_i(A); y$ | a^2 | b^2 | c^2 | $b \cdot c$ | $a \cdot c$ | $a \cdot b$ | SG | a | b | c |
|----|--------------|-------|-------|-------|-------------|-------------|-------------|---------------|-------|-----------------------|-----------------------|
| 35 | 6 0 6; 7 | 2 | 2 | 86 | 1 | 1 | 1 | 166 | 1 1 0 | 0 1 $\bar{1}$ | $\bar{5}$ 6 5 |
| 36 | 2 2 4; 7 | 2 | 4 | 32 | 0 | 0 | 0 | 47 | 1 1 0 | 0 0 2 | $\bar{4}$ 4 0 |
| 37 | 2 0 4; 7 | 2 | 6 | 24 | -2 | 0 | -1 | 12 | 1 1 0 | $\bar{2}$ 1 1 | 2 $\bar{2}$ 4 |
| 38 | 2 0 2; 7a | 2 | 6 | 22 | -2 | 0 | 0 | 10 | 1 1 0 | $\bar{1}$ 1 2 | 3 $\bar{3}$ 2 |
| 39 | 2 0 2; 7b | 2 | 6 | 22 | -1 | -1 | 0 | 12 | 1 1 0 | $\bar{1}$ 1 $\bar{2}$ | $\bar{3}$ 2 3 |
| 40 | 2 0 0 4; 7a | 2 | 8 | 16 | 0 | 0 | 0 | 47 | 1 1 0 | $\bar{2}$ 2 0 | 0 0 4 |
| 41 | 2 0 0 4; 7b | 2 | 8 | 18 | -4 | 0 | 0 | 65 | 1 1 0 | $\bar{2}$ 2 0 | 1 $\bar{1}$ 4 |
| 42 | 2 0 0 2; 7a | 2 | 10 | 14 | 1 | 1 | 1 | 12 | 1 1 0 | 0 1 3 | 3 $\bar{2}$ 1 |
| 43 | 2 0 0 2; 7b | 2 | 12 | 12 | -4 | 0 | 0 | 65 | 1 1 0 | $\bar{2}$ 2 2 | 2 $\bar{2}$ 2 |
| 44 | 0 4 0; 7a | 4 | 4 | 16 | 0 | 0 | 0 | 123 | 2 0 0 | 0 2 0 | 0 0 4 |
| 45 | 0 4 0; 7b | 4 | 4 | 18 | -2 | -2 | 0 | 139 | 2 0 0 | 0 $\bar{2}$ 0 | $\bar{1}$ 1 4 |
| 46 | 0 2 4; 7 | 4 | 6 | 14 | 2 | 2 | 2 | 12 | 2 0 0 | 1 $\bar{2}$ 1 | 1 $\bar{2}$ $\bar{3}$ |
| 47 | 0 2 0 4; 7 | 4 | 8 | 8 | 0 | 0 | 0 | 123 | 2 0 0 | 0 $\bar{2}$ 2 | 0 2 2 |
| 48 | 0 2 0 2; 7 | 4 | 8 | 10 | -4 | 0 | 0 | 65 | 2 0 0 | 0 $\bar{2}$ 2 | 0 3 1 |
| 49 | 0 0 4 4; 7 | 6 | 6 | 8 | 0 | 0 | -2 | 65 | 2 1 1 | $\bar{2}$ 1 1 | 0 $\bar{2}$ 2 |
| 50 | 0 0 4 2; 7a | 6 | 6 | 8 | 0 | -2 | -1 | 2 | 2 1 1 | $\bar{1}$ 2 $\bar{1}$ | $\bar{2}$ 0 2 |
| 51 | 0 0 4 2; 7b | 6 | 6 | 10 | -2 | -2 | -2 | 69 | 2 1 1 | $\bar{2}$ 1 1 | 0 $\bar{3}$ 1 |
| 52 | 0 0 2; 7 | 6 | 8 | 8 | 4 | 2 | 2 | 12 | 2 1 1 | 2 $\bar{2}$ 0 | 2 0 $\bar{2}$ |
| 53 | 0 0 0 1 2; 7 | 8 | 8 | 8 | 4 | 4 | 4 | 225 | 2 2 0 | 0 2 2 | 2 0 2 |
| 54 | 6 0 6; 8 | 2 | 2 | 108 | 0 | 0 | -1 | 12 | 1 1 0 | $\bar{1}$ 0 $\bar{1}$ | $\bar{6}$ 6 6 |
| 55 | 2 2 4; 8 | 2 | 4 | 42 | -2 | -1 | 0 | 71 | 1 1 0 | 0 0 $\bar{2}$ | $\bar{5}$ 4 1 |
| 56 | 2 0 4; 8 | 2 | 6 | 30 | 1 | 1 | 1 | 164 | 1 1 0 | $\bar{1}$ 2 1 | 2 $\bar{1}$ 5 |
| 57 | 2 0 0 2; 8a | 2 | 10 | 18 | -3 | 0 | -1 | 65 | 1 1 0 | $\bar{1}$ 0 3 | 3 $\bar{3}$ 0 |
| 58 | 2 0 0 2; 8b | 2 | 12 | 14 | 0 | -1 | 0 | 12 | 1 1 0 | $\bar{2}$ 2 $\bar{2}$ | $\bar{2}$ 1 3 |
| 59 | 0 2 4; 8 | 4 | 6 | 18 | 3 | 2 | 2 | 12 | 2 0 0 | 1 $\bar{2}$ $\bar{1}$ | 1 1 $\bar{4}$ |
| 60 | 0 2 0 0; 8a | 4 | 10 | 10 | 1 | 2 | 2 | 139 | 2 0 0 | 1 $\bar{3}$ 0 | 1 0 $\bar{3}$ |
| 61 | 0 2 0 0; 8b | 4 | 10 | 10 | -3 | 0 | -2 | 12 | 2 0 0 | $\bar{1}$ $\bar{3}$ 0 | 0 1 $\bar{3}$ |
| 62 | 0 0 6 0; 8a | 6 | 6 | 12 | 0 | 0 | -3 | 12 | 2 1 1 | $\bar{1}$ $\bar{2}$ 1 | 2 $\bar{2}$ $\bar{2}$ |
| 63 | 0 0 6 0; 8b | 6 | 6 | 14 | 3 | 3 | 3 | 164 | 2 1 1 | 1 $\bar{1}$ 2 | 3 $\bar{2}$ $\bar{1}$ |
| 64 | 0 0 4; 8 | 6 | 6 | 10 | 1 | 2 | 1 | 166 | 2 1 1 | $\bar{1}$ 2 1 | 0 $\bar{1}$ 3 |

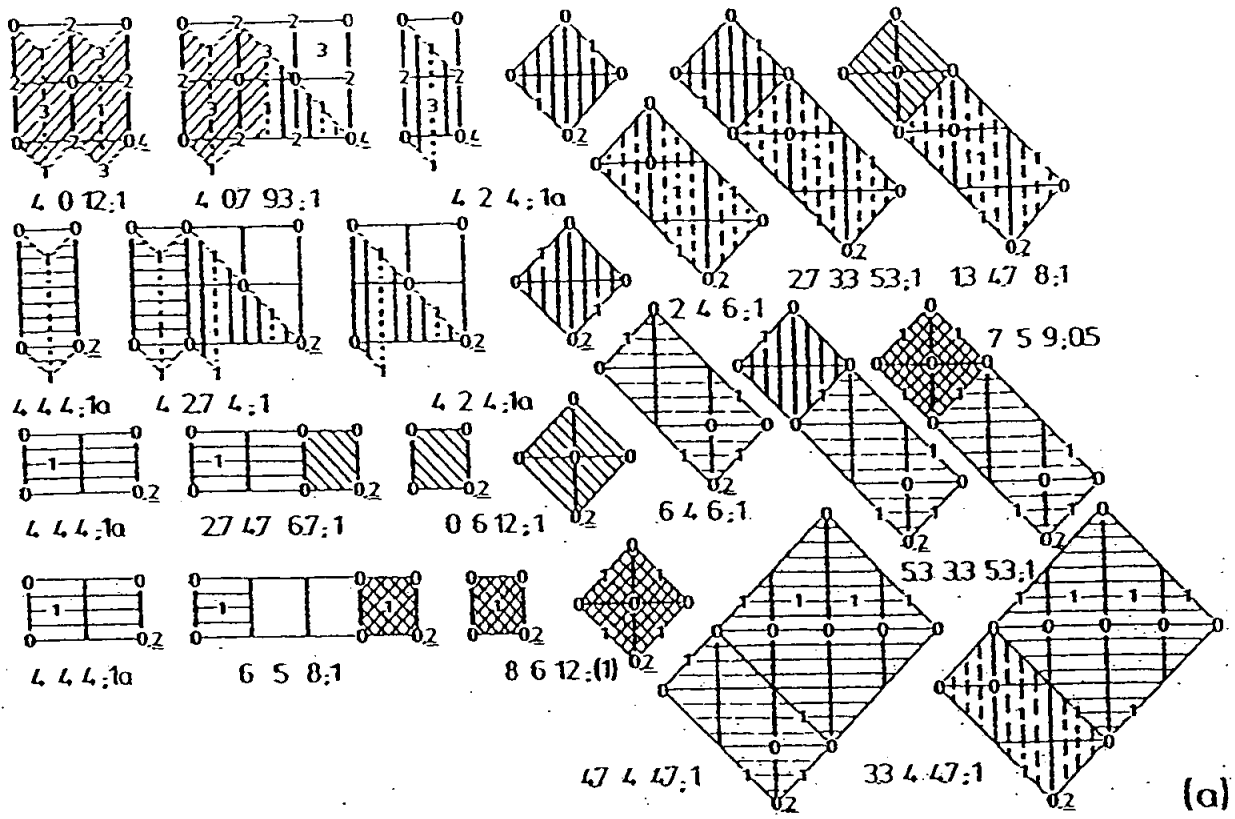
169

Table 3A

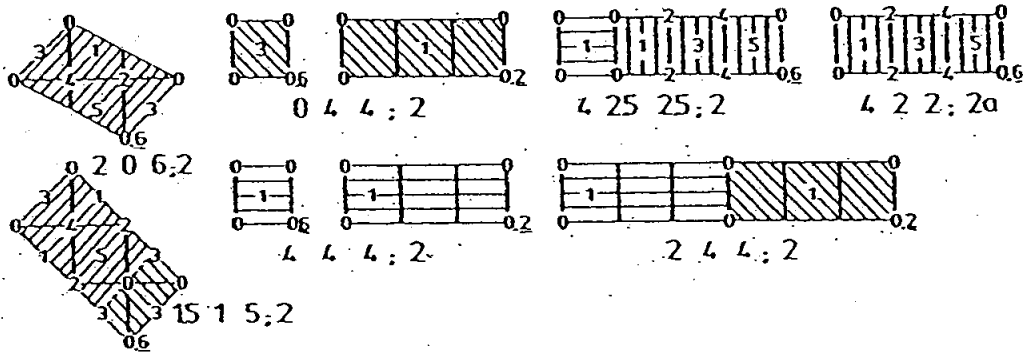
| # | $T_i(A); y$ | a^2 | b^2 | c^2 | $b \cdot c$ | $a \cdot c$ | $a \cdot b$ | SG | a | b | c |
|----|-------------|-------|-------|-------|-------------|-------------|-------------|-----|-------|-----------------------|-----------------------|
| 1 | 6 12 8; (1) | 1 | 1 | 1 | 0 | 0 | 0 | 221 | 1 0 0 | 0 1 0 | 0 0 1 |
| 2 | 4 4 0; 1 | 1 | 1 | 4 | 0 | 0 | 0 | 123 | 1 0 0 | 0 1 0 | 0 0 2 |
| 3 | 2 4 8; 1 | 1 | 2 | 2 | 0 | 0 | 0 | 123 | 1 0 0 | 0 1 1 | 0 $\bar{1}$ 1 |
| 4 | 0 12 0; 1 | 2 | 2 | 2 | 1 | 1 | 1 | 225 | 1 1 0 | 1 0 $\bar{1}$ | 0 1 $\bar{1}$ |
| 5 | 4 4 0; 2 | 1 | 1 | 9 | 0 | 0 | 0 | 123 | 1 0 0 | 0 1 0 | 0 0 3 |
| 6 | 2 2 4; 2 | 1 | 2 | 5 | -1 | 0 | 0 | 65 | 1 0 0 | 0 1 1 | 0 $\bar{2}$ 1 |
| 7 | 0 6 2; 2 | 2 | 2 | 3 | 0 | 0 | -1 | 164 | 1 1 0 | 0 $\bar{1}$ 1 | 1 $\bar{1}$ $\bar{1}$ |
| 8 | 4 4 0; 3 | 1 | 1 | 16 | 0 | 0 | 0 | 123 | 1 0 0 | 0 1 0 | 0 0 4 |
| 9 | 2 2 4; 3 | 1 | 2 | 8 | 0 | 0 | 0 | 47 | 1 0 0 | 0 1 1 | 0 $\bar{2}$ 2 |
| 10 | 2 0 0 6; 3 | 1 | 4 | 4 | 0 | 0 | 0 | 123 | 1 0 0 | 0 2 0 | 0 0 2 |
| 11 | 2 0 0 4; 3 | 1 | 4 | 5 | -2 | 0 | 0 | 65 | 1 0 0 | 0 2 0 | 0 $\bar{1}$ 2 |
| 12 | 0 6 0; 3 | 2 | 2 | 6 | 1 | 1 | 1 | 166 | 1 1 0 | 1 0 1 | 2 $\bar{1}$ $\bar{1}$ |
| 13 | 0 4 0 6; 3 | 2 | 2 | 4 | 0 | 0 | 0 | 123 | 1 1 0 | 1 $\bar{1}$ 0 | 0 0 $\bar{2}$ |
| 14 | 0 4 0 4; 3 | 2 | 2 | 5 | -1 | -1 | 0 | 139 | 1 1 0 | 1 $\bar{1}$ 0 | $\bar{1}$ 0 $\bar{2}$ |
| 15 | 0 2 4; 3 | 2 | 3 | 3 | -1 | 0 | 0 | 65 | 1 1 0 | 1 $\bar{1}$ $\bar{1}$ | $\bar{1}$ 1 $\bar{1}$ |
| 16 | 0 0 8; 3 | 3 | 3 | 3 | -1 | -1 | -1 | 229 | 1 1 1 | 1 $\bar{1}$ $\bar{1}$ | $\bar{1}$ 1 $\bar{1}$ |
| 17 | 4 4 0; 4 | 1 | 1 | 25 | 0 | 0 | 0 | 123 | 1 0 0 | 0 1 0 | 0 0 5 |
| 18 | 2 2 4; 4 | 1 | 2 | 13 | -1 | 0 | 0 | 65 | 1 0 0 | 0 1 1 | 0 $\bar{3}$ 2 |
| 19 | 2 0 0; 4 | 1 | 5 | 5 | 0 | 0 | 0 | 83 | 1 0 0 | 0 2 1 | 0 $\bar{1}$ 2 |
| 20 | 0 6 0; 4 | 2 | 2 | 9 | 1 | 1 | 1 | 166 | 1 1 0 | 1 0 $\bar{1}$ | $\bar{1}$ 2 $\bar{2}$ |
| 21 | 0 2 2; 4 | 2 | 3 | 5 | -1 | -1 | 0 | 12 | 1 1 0 | 1 $\bar{1}$ 1 | 0 $\bar{1}$ $\bar{2}$ |
| 22 | 4 4 0; 5 | 1 | 1 | 36 | 0 | 0 | 0 | 123 | 1 0 0 | 0 1 0 | 0 0 6 |
| 23 | 2 2 4; 5 | 1 | 2 | 18 | 0 | 0 | 0 | 47 | 1 0 0 | 0 1 1 | 0 $\bar{3}$ 3 |
| 24 | 2 0 0 4; 5a | 1 | 4 | 9 | 0 | 0 | 0 | 47 | 1 0 0 | 0 2 0 | 0 0 3 |
| 25 | 2 0 0 4; 5b | 1 | 4 | 10 | -2 | 0 | 0 | 65 | 1 0 0 | 0 2 0 | 0 $\bar{1}$ 3 |
| 26 | 2 0 0 2; 5 | 1 | 5 | 8 | -2 | 0 | 0 | 10 | 1 0 0 | 0 2 1 | 0 $\bar{2}$ 2 |
| 27 | 0 6 0; 5 | 2 | 2 | 12 | 0 | 0 | -1 | 164 | 1 1 0 | 0 $\bar{1}$ 1 | 2 $\bar{2}$ $\bar{2}$ |
| 28 | 0 4 0; 5a | 2 | 2 | 9 | 0 | 0 | 0 | 123 | 1 1 0 | 1 $\bar{1}$ 0 | 0 0 $\bar{3}$ |
| 29 | 0 4 0; 5b | 2 | 2 | 10 | -1 | -1 | 0 | 139 | 1 1 0 | 1 $\bar{1}$ 0 | $\bar{1}$ 0 $\bar{3}$ |
| 30 | 0 2 2; 5 | 2 | 3 | 6 | 0 | 0 | 0 | 10 | 1 1 0 | 1 $\bar{1}$ 1 | 1 $\bar{1}$ $\bar{2}$ |
| 31 | 0 2 0 2; 5a | 2 | 4 | 5 | 0 | -1 | 0 | 65 | 1 1 0 | 0 0 2 | 1 $\bar{2}$ 0 |
| 32 | 0 2 0 2; 5b | 2 | 4 | 6 | -2 | -1 | 0 | 71 | 1 1 0 | 0 0 2 | 1 $\bar{2}$ $\bar{1}$ |
| 33 | 0 2 0 0; 5 | 2 | 5 | 5 | 2 | 1 | 1 | 12 | 1 1 0 | 2 $\bar{1}$ 0 | 1 0 $\bar{2}$ |
| 34 | 0 0 4; 5 | 3 | 3 | 5 | 1 | 1 | 1 | 12 | 1 1 1 | 1 1 $\bar{1}$ | $\bar{1}$ 2 0 |
| 35 | 2 2 4; 6 | 1 | 2 | 25 | -1 | 0 | 0 | 65 | 1 0 0 | 0 1 1 | 0 $\bar{4}$ 3 |
| 36 | 2 0 0; 6 | 1 | 5 | 10 | -1 | 0 | 0 | 10 | 1 0 0 | 0 2 $\bar{1}$ | 0 1 3 |
| 37 | 0 6 0; 6 | 2 | 2 | 17 | 1 | 1 | 1 | 166 | 1 1 0 | 1 0 1 | 3 $\bar{2}$ $\bar{2}$ |
| 38 | 0 2 2; 6 | 2 | 3 | 9 | -1 | -1 | 0 | 12 | 1 1 0 | 1 $\bar{1}$ $\bar{1}$ | $\bar{2}$ 1 $\bar{2}$ |

3A
Table 4 (continued):

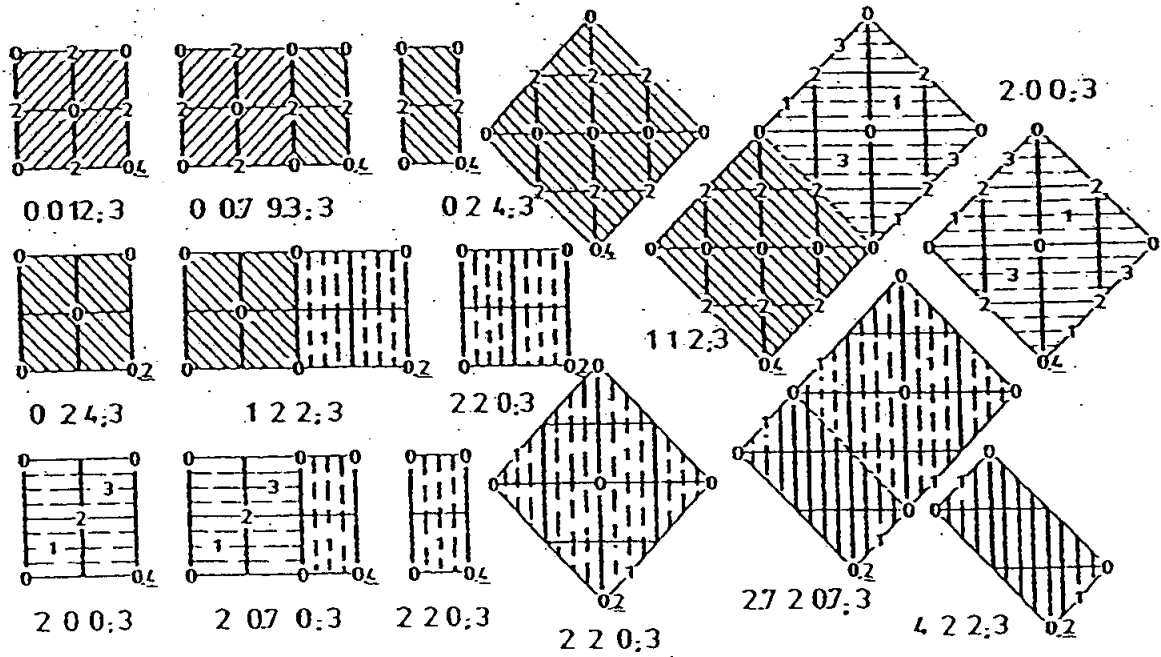
| # | $T_i(A); y$ | a^2 | b^2 | c^2 | $b \cdot c$ | $a \cdot c$ | $a \cdot b$ | SG | a | b | c |
|----|----------------|-------|-------|-------|-------------|-------------|-------------|-----|-------|-----------------------|-----------------------|
| 39 | 0 2 0; 6 | 2 | 5 | 6 | 1 | 1 | 1 | 12 | 1 1 0 | 1 0 $\bar{2}$ | $\bar{1}$ 2 $\bar{1}$ |
| 40 | 0 0 2; 6 | 3 | 5 | 5 | -2 | -1 | -1 | 148 | 1 1 1 | 1 0 $\bar{2}$ | $\bar{2}$ 1 0 |
| 41 | 2 2 4; 7 | 1 | 2 | 32 | 0 | 0 | 0 | 47 | 1 0 0 | 0 1 1 | 0 $\bar{4}$ 4 |
| 42 | 2 0 0 4; 7a | 1 | 4 | 16 | 0 | 0 | 0 | 47 | 1 0 0 | 0 2 0 | 0 0 4 |
| 43 | 2 0 0 4; 7b | 1 | 4 | 17 | -2 | 0 | 0 | 65 | 1 0 0 | 0 2 0 | 0 $\bar{1}$ 4 |
| 44 | 2 0 0 2; 7a | 1 | 5 | 13 | -1 | 0 | 0 | 10 | 1 0 0 | 0 2 1 | 0 2 3 |
| 45 | 2 0 0 2; 7b | 1 | 8 | 8 | 0 | 0 | 0 | 123 | 1 0 0 | 0 2 2 | 0 $\bar{2}$ 2 |
| 46 | 2 0 0 2; 7c | 1 | 8 | 10 | -4 | 0 | 0 | 65 | 1 0 0 | 0 2 2 | 0 $\bar{3}$ 1 |
| 47 | 0 6 0; 7 | 2 | 2 | 22 | 1 | 1 | 1 | 166 | 1 1 0 | 1 0 $\bar{1}$ | $\bar{2}$ 3 $\bar{3}$ |
| 48 | 0 4 0; 7a | 2 | 2 | 16 | 0 | 0 | 0 | 123 | 1 1 0 | 1 $\bar{1}$ 0 | 0 0 $\bar{4}$ |
| 49 | 0 4 0; 7b | 2 | 2 | 17 | -1 | -1 | 0 | 139 | 1 1 0 | 1 $\bar{1}$ 0 | $\bar{1}$ 0 4 |
| 50 | 0 2 2; 7 | 2 | 3 | 11 | -1 | 0 | 0 | 10 | 1 1 0 | 1 $\bar{1}$ 1 | 1 $\bar{1}$ $\bar{3}$ |
| 51 | 0 2 0 2; 7a | 2 | 4 | 8 | 0 | 0 | 0 | 47 | 1 1 0 | 0 0 2 | 2 $\bar{2}$ 0 |
| 52 | 0 2 0 2; 7b | 2 | 4 | 9 | -2 | 0 | 0 | 65 | 1 1 0 | 0 0 2 | 2 $\bar{2}$ $\bar{1}$ |
| 53 | 0 2 0 0; 7a | 2 | 5 | 8 | -2 | 0 | -1 | 12 | 1 1 0 | 0 $\bar{1}$ $\bar{2}$ | $\bar{2}$ 2 0 |
| 54 | 0 2 0 0; 7b | 2 | 6 | 6 | -2 | 0 | 0 | 65 | 1 1 0 | 1 $\bar{1}$ 2 | 1 $\bar{1}$ $\bar{2}$ |
| 55 | 0 2 0 0; 7c | 2 | 6 | 6 | -1 | 0 | -1 | 12 | 1 1 0 | 1 $\bar{2}$ $\bar{1}$ | $\bar{1}$ 1 $\bar{2}$ |
| 56 | 0 0 4; 7a | 3 | 3 | 8 | 0 | 0 | -1 | 65 | 1 1 1 | 1 $\bar{1}$ $\bar{1}$ | 0 2 $\bar{2}$ |
| 57 | 0 0 4; 7b | 3 | 3 | 9 | -1 | -1 | -1 | 69 | 1 1 1 | 1 $\bar{1}$ $\bar{1}$ | $\bar{1}$ 2 $\bar{2}$ |
| 58 | 0 0 2; 7 | 3 | 5 | 5 | 1 | 1 | 1 | 12 | 1 1 1 | 2 0 $\bar{1}$ | 0 2 $\bar{1}$ |
| 59 | 0 0 0 6; 7 | 4 | 4 | 4 | 0 | 0 | 0 | 221 | 2 0 0 | 0 2 0 | 0 0 2 |
| 60 | 0 0 0 4; 7a | 4 | 4 | 5 | 0 | -2 | 0 | 65 | 2 0 0 | 0 2 0 | $\bar{1}$ 0 2 |
| 61 | 0 0 0 4; 7b | 4 | 4 | 6 | -2 | -2 | 0 | 139 | 2 0 0 | 0 2 0 | $\bar{1}$ $\bar{1}$ 2 |
| 62 | 0 0 0 2; 7a | 4 | 5 | 5 | 1 | 2 | 2 | 139 | 2 0 0 | 1 2 0 | 1 0 2 |
| 63 | 0 0 0 2; 7b | 4 | 5 | 5 | -2 | 0 | -2 | 12 | 2 0 0 | $\bar{1}$ 2 0 | 0 $\bar{1}$ 2 |
| 64 | 2 2 4 2 0; 8 | 1 | 2 | 41 | -1 | 0 | 0 | 65 | 1 0 0 | 0 1 1 | 0 $\bar{5}$ 4 |
| 65 | 2 0 0 2 2; 8 | 1 | 5 | 17 | -2 | 0 | 0 | 10 | 1 0 0 | 0 2 $\bar{1}$ | 0 1 4 |
| 66 | 2 0 0 2 0; 8a | 1 | 9 | 10 | -3 | 0 | 0 | 10 | 1 0 0 | 0 3 0 | 0 $\bar{1}$ 3 |
| 67 | 2 0 0 2 0; 8b | 1 | 9 | 9 | 0 | 0 | 0 | 123 | 1 0 0 | 0 3 0 | 0 0 3 |
| 68 | 0 6 0 0 0; 8 | 2 | 2 | 27 | 0 | 0 | -1 | 164 | 1 1 0 | 0 $\bar{1}$ 1 | 3 $\bar{3}$ $\bar{3}$ |
| 69 | 0 2 2 0 4; 8 | 2 | 3 | 14 | 0 | -1 | 0 | 65 | 1 1 0 | 1 $\bar{1}$ 1 | 1 $\bar{2}$ $\bar{3}$ |
| 70 | 0 2 0 0 4; 8a | 2 | 5 | 10 | 2 | 1 | 1 | 12 | 1 1 0 | 2 $\bar{1}$ 0 | 1 0 $\bar{3}$ |
| 71 | 0 2 0 0 4; 8b | 2 | 5 | 9 | 0 | 0 | -1 | 65 | 1 1 0 | 1 $\bar{2}$ 0 | 0 0 $\bar{3}$ |
| 72 | 0 2 0 0 0; 8 | 2 | 6 | 9 | 3 | 1 | 1 | 12 | 1 1 0 | 2 $\bar{1}$ 1 | 2 $\bar{1}$ $\bar{2}$ |
| 73 | 0 0 2 0 2; 8 | 3 | 5 | 6 | -1 | 0 | -1 | 2 | 1 1 1 | 1 $\bar{2}$ 0 | 1 1 $\bar{2}$ |
| 74 | 0 0 2 0 0; 8 | 3 | 6 | 6 | -3 | 0 | 0 | 164 | 1 1 1 | 2 $\bar{1}$ $\bar{1}$ | $\bar{1}$ 2 $\bar{1}$ |
| 75 | 0 0 0 0 6; 8 | 5 | 5 | 5 | 2 | 2 | 2 | 166 | 2 1 0 | 1 0 $\bar{2}$ | 0 2 $\bar{1}$ |
| 76 | 0 0 0 0 0; 15a | 6 | 6 | 10 | -2 | -2 | -2 | 69 | 2 1 1 | $\bar{2}$ 1 1 | 0 $\bar{3}$ 1 |
| 77 | 0 0 0 0 0; 15b | 8 | 8 | 8 | 4 | 4 | 4 | 225 | 2 2 0 | 0 2 2 | 2 0 2 |



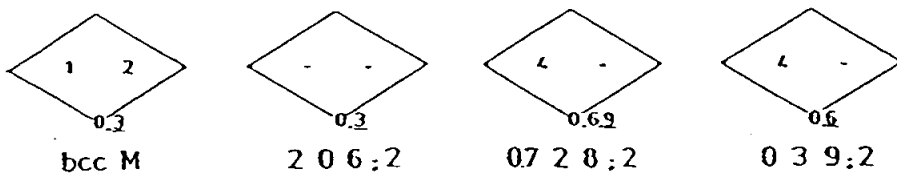
(a)



(b)



(c)



(d)

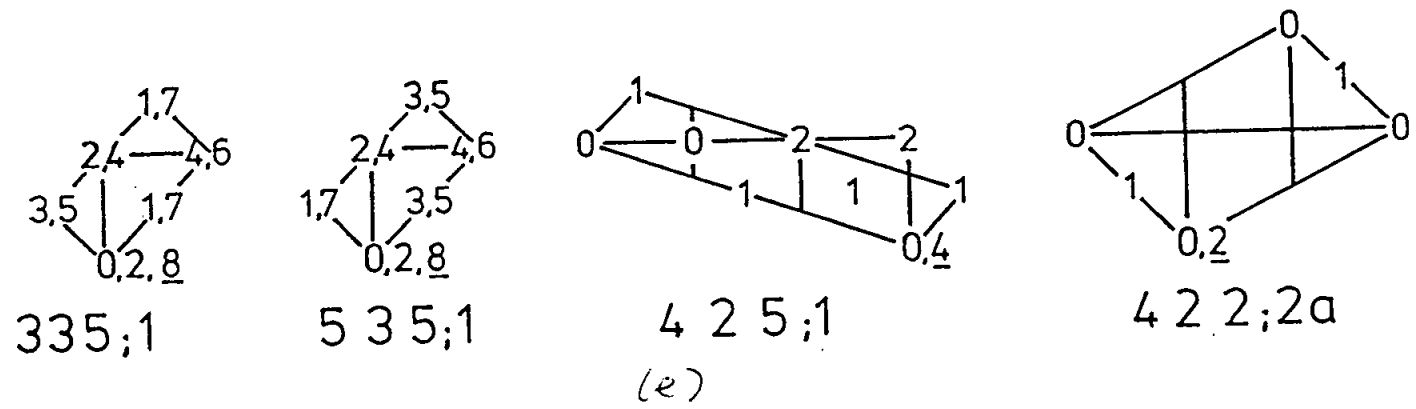
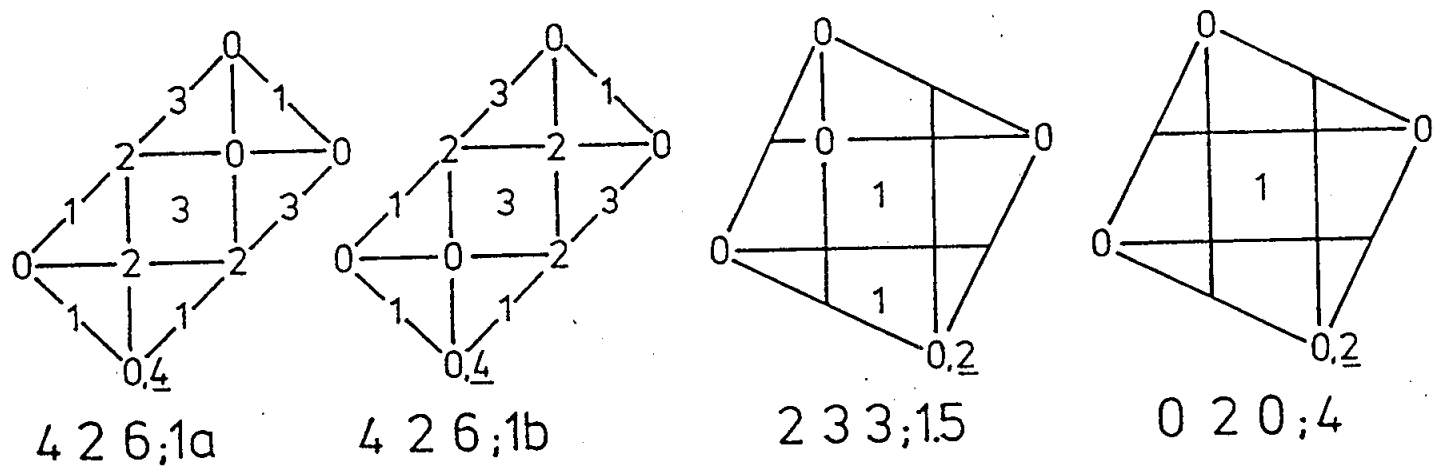
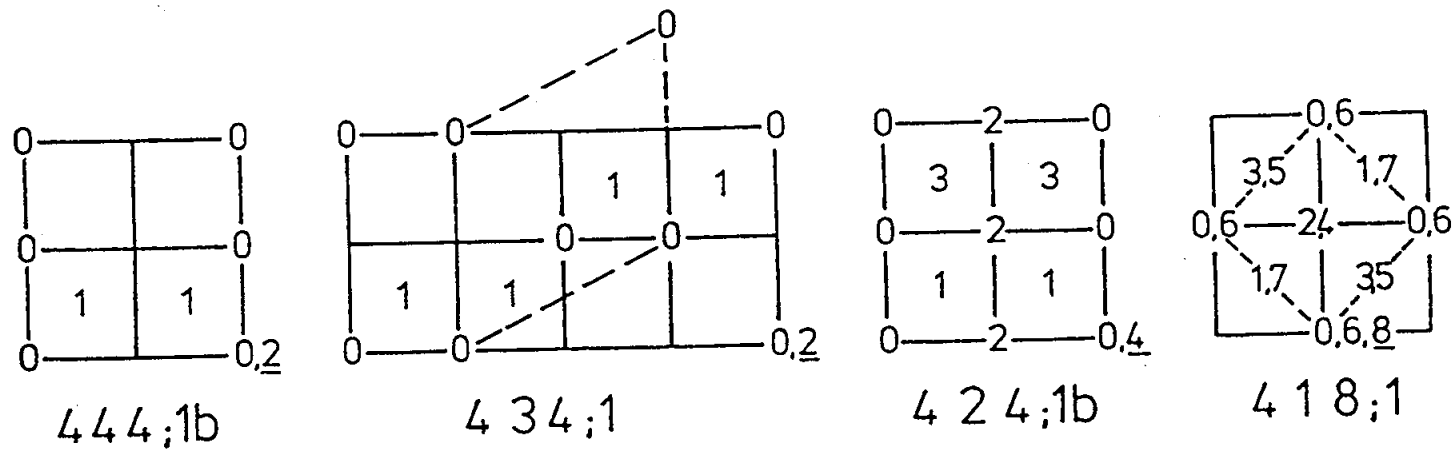


FIG 1A

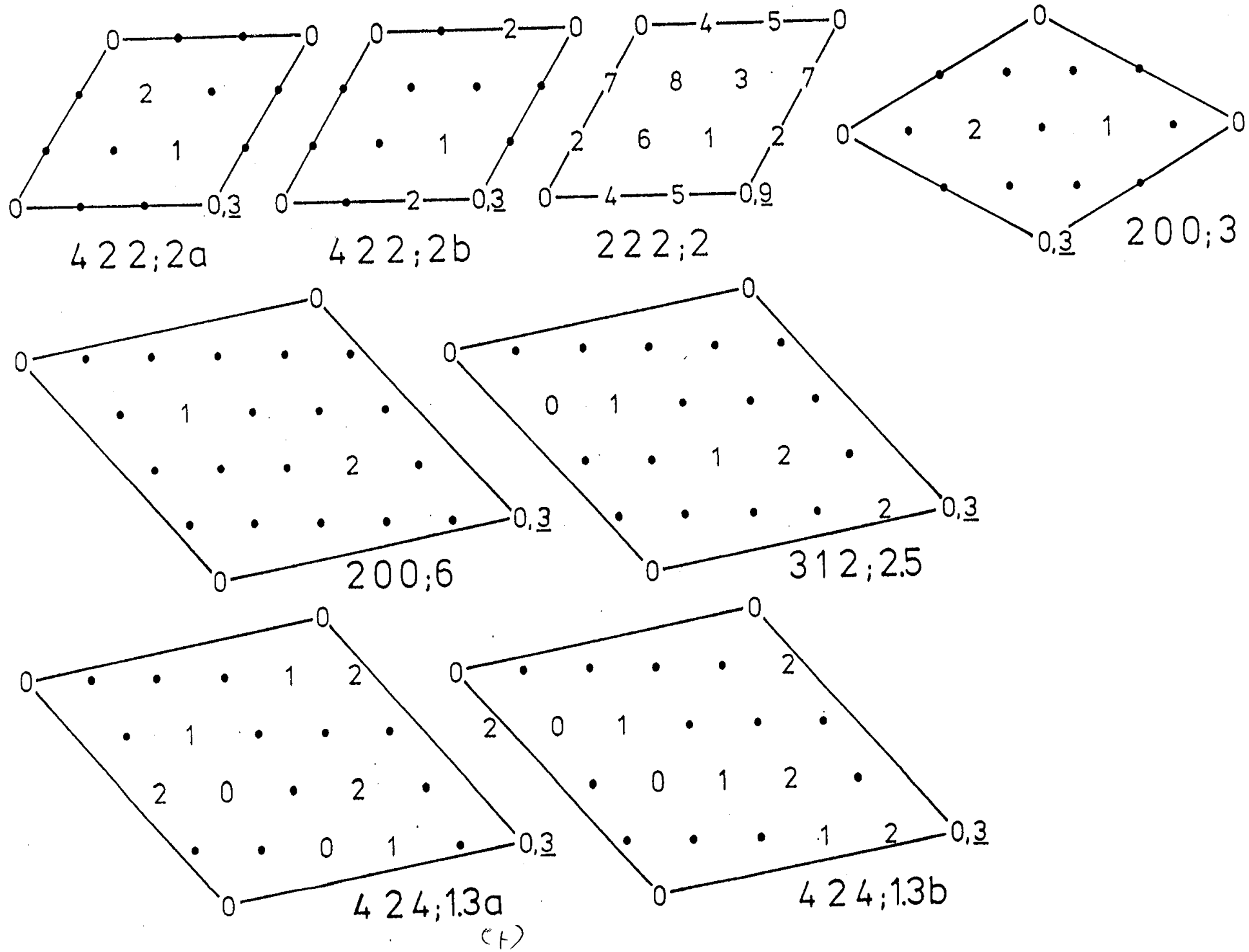
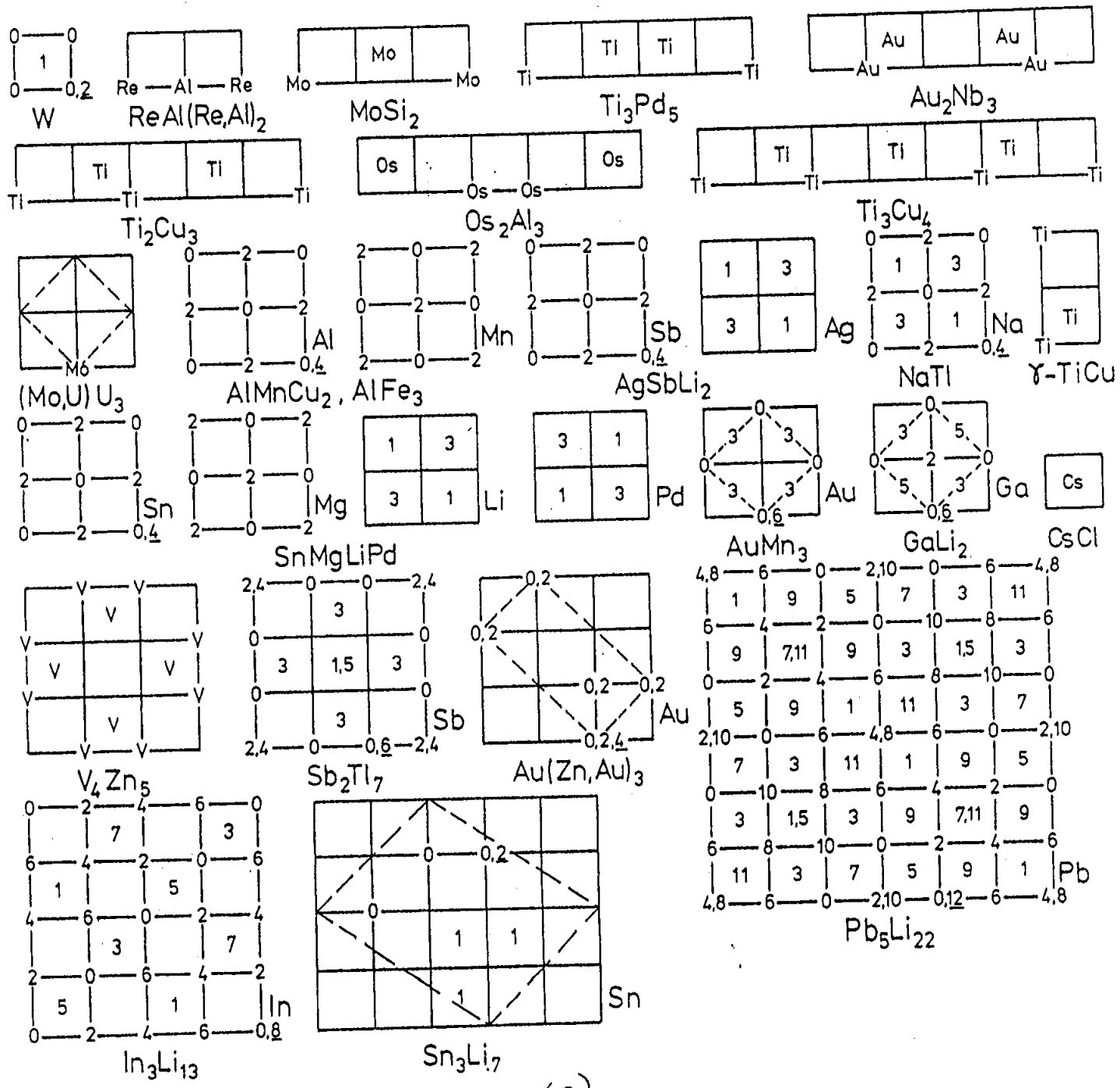


FIG 1A



(a)

FIG 2A

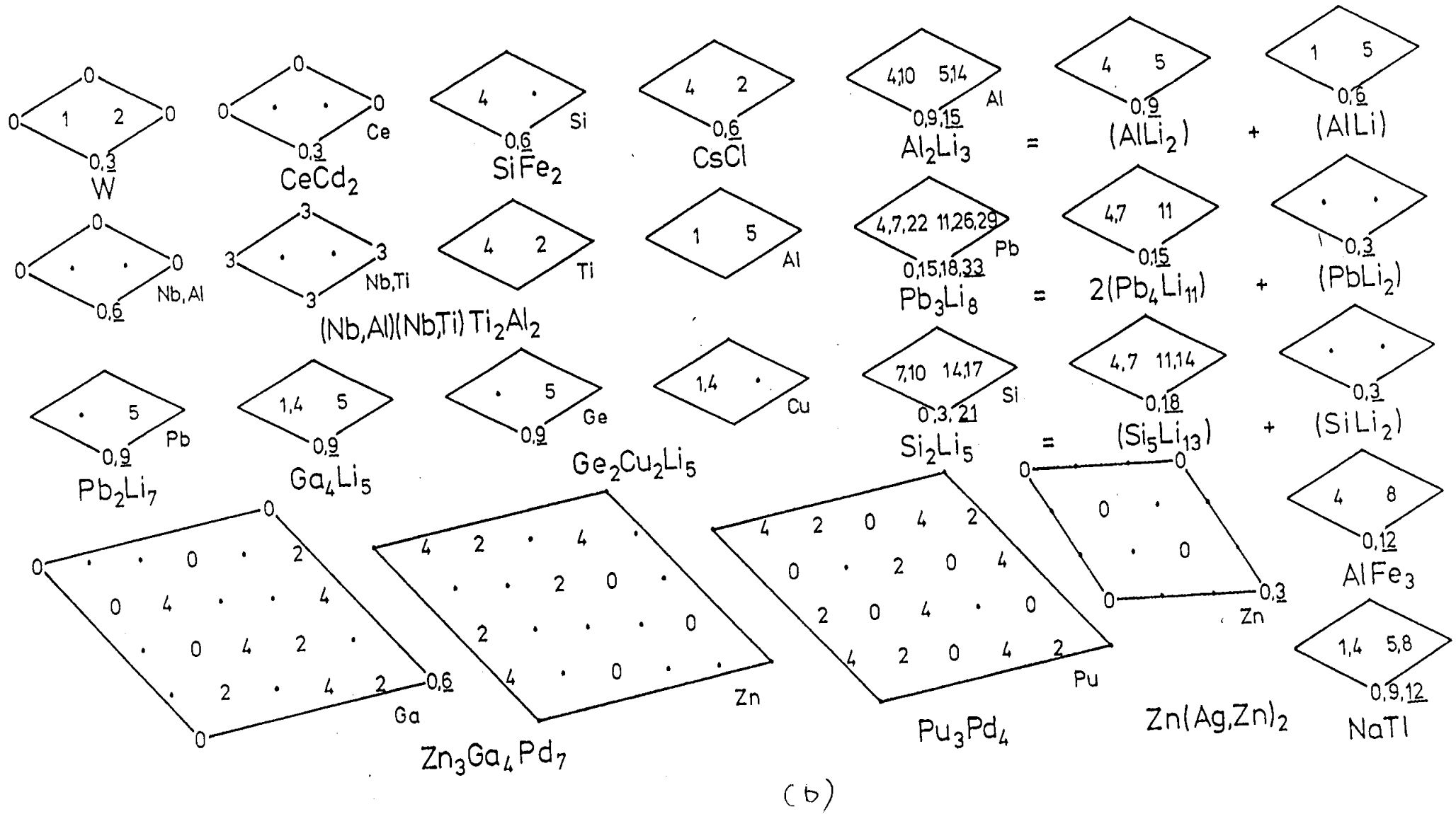
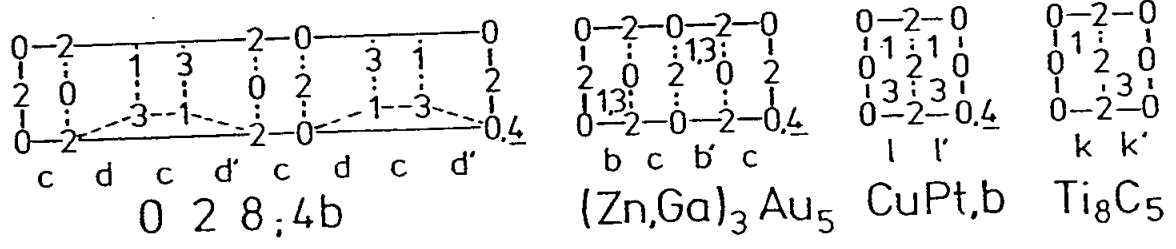
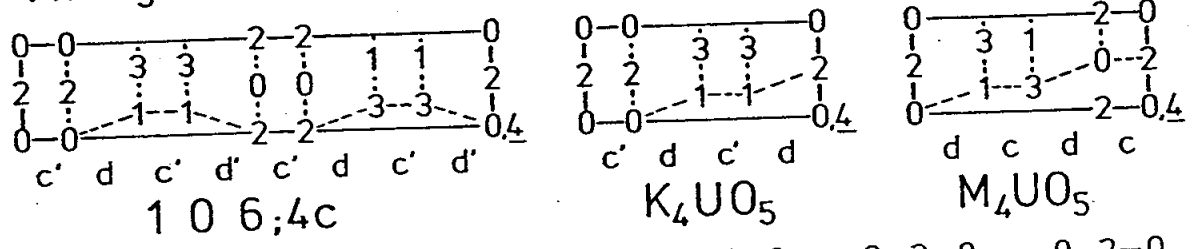
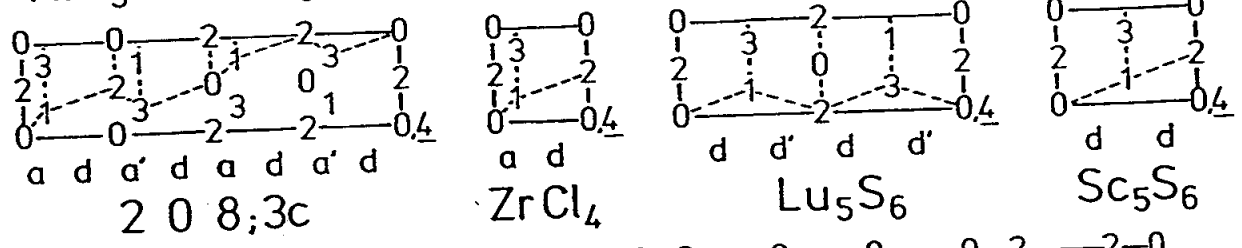
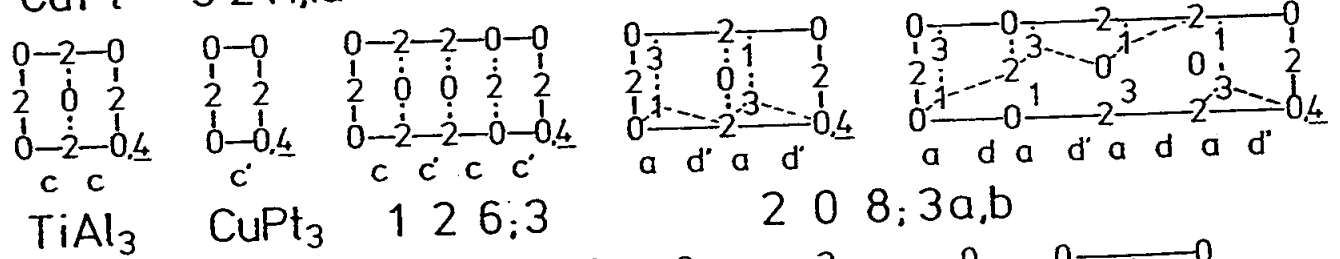
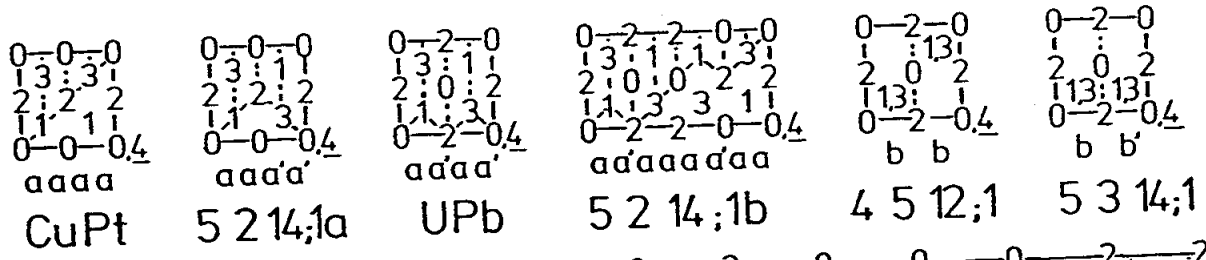
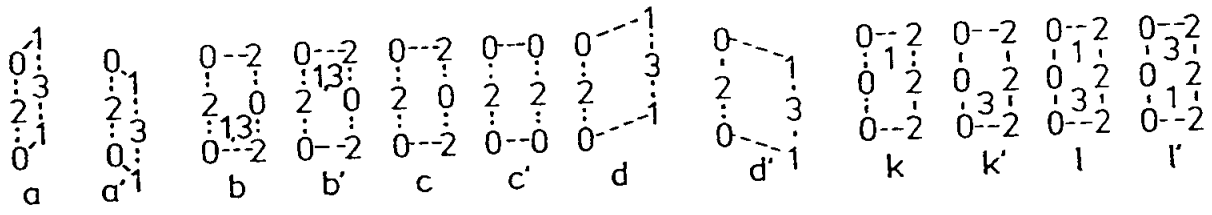


FIG 2A

Fig 5B



(a)

FIG 3A

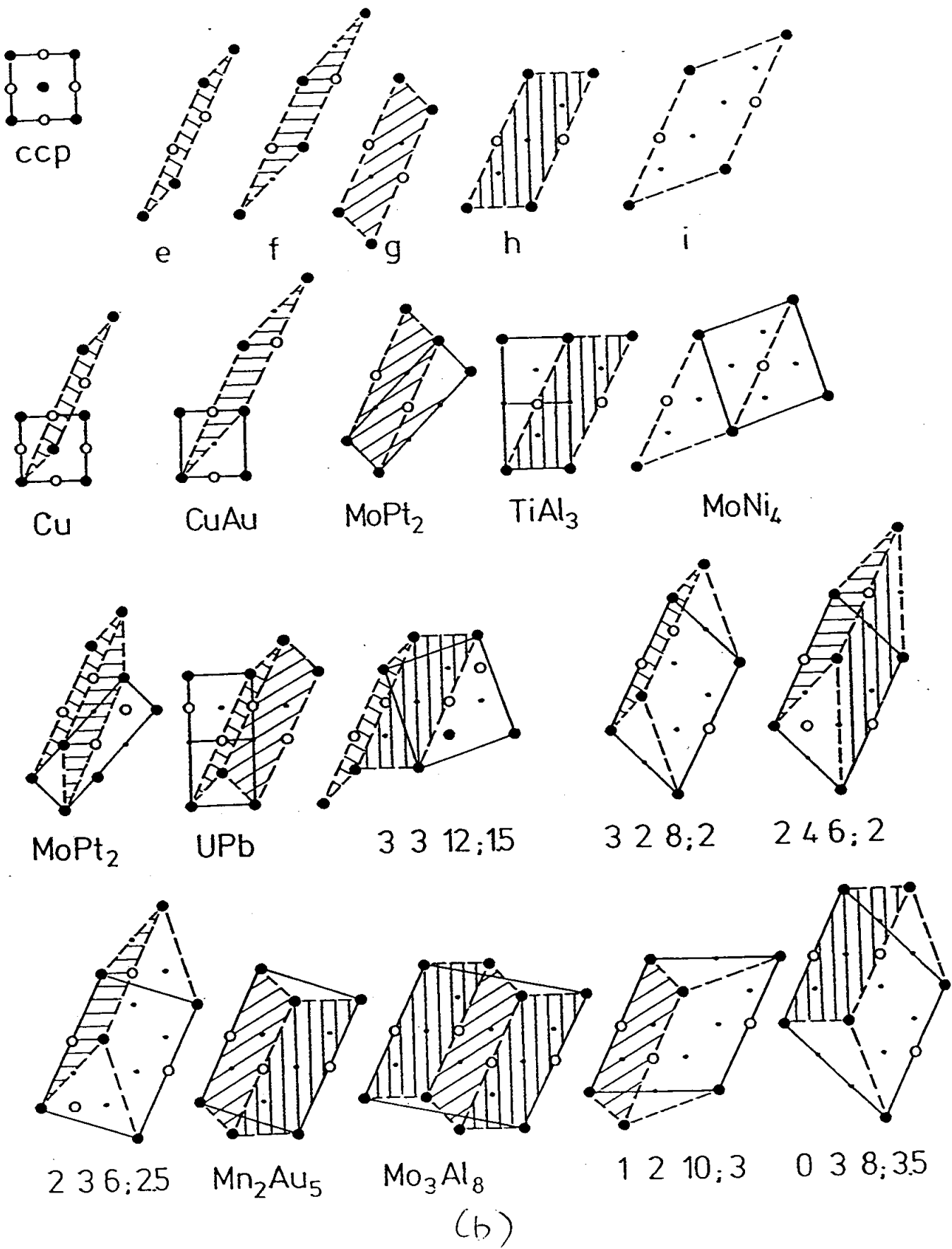
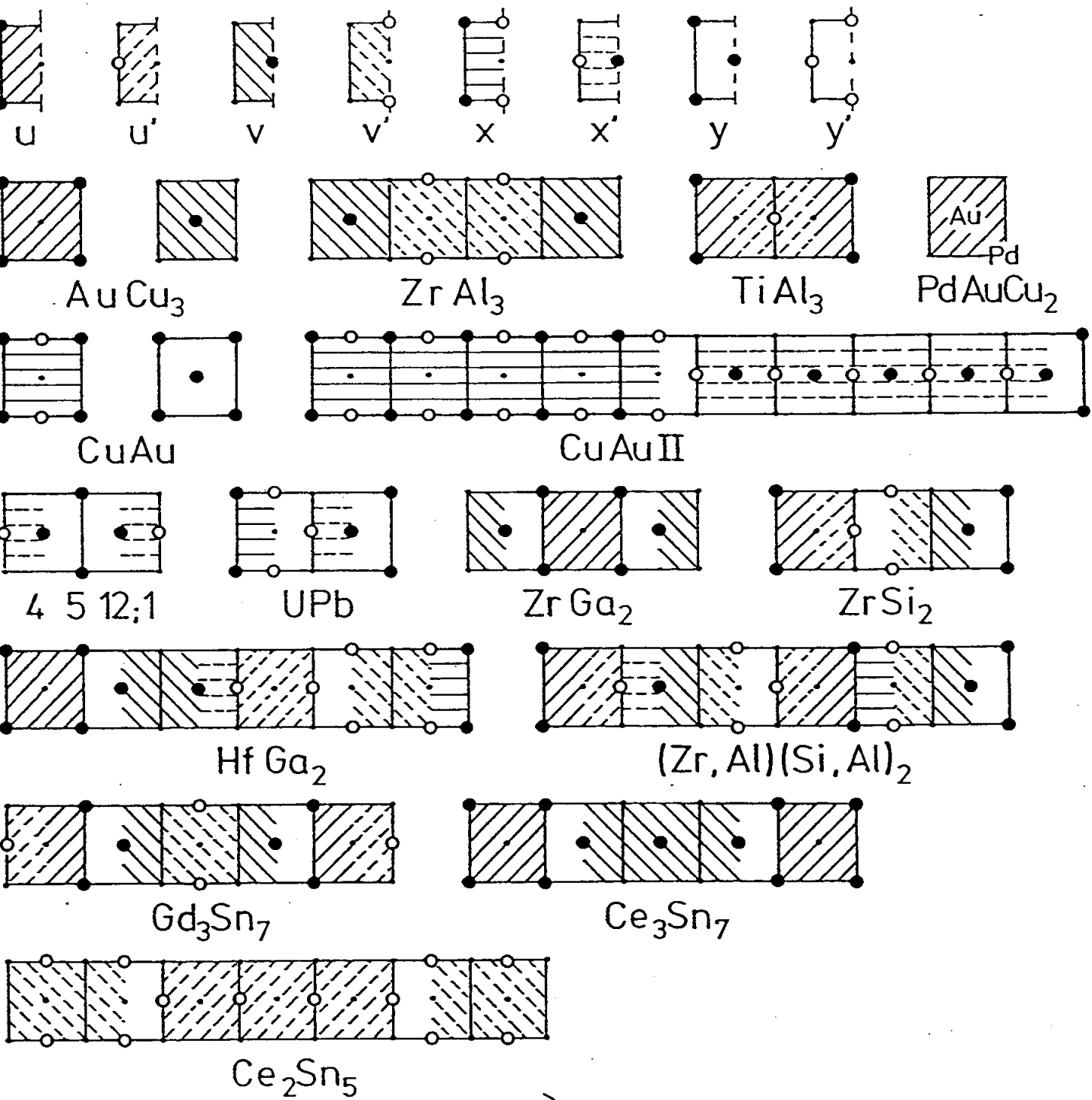
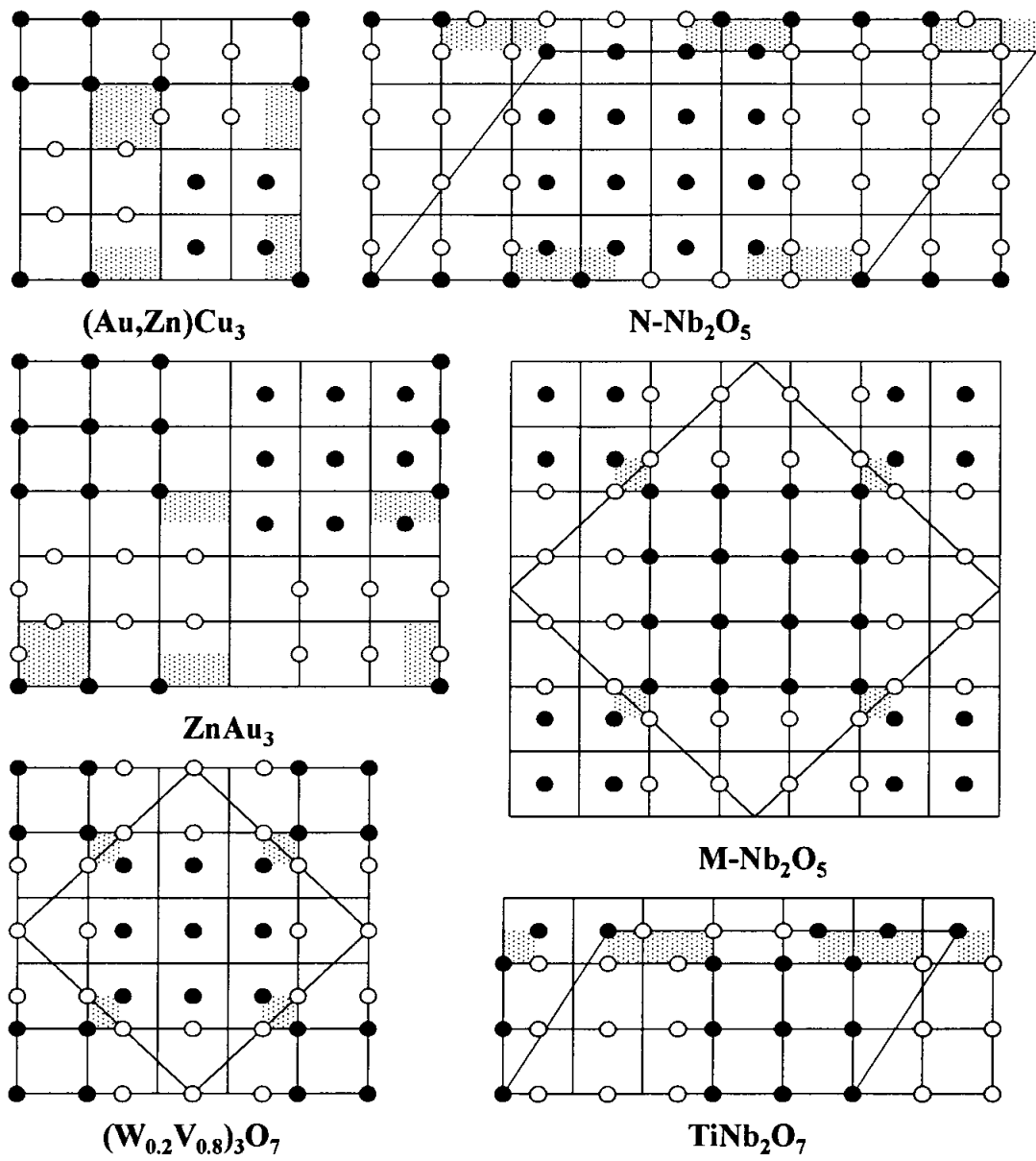


FIG 3A



(c)

FIG 3A



(d)

FIG 3A

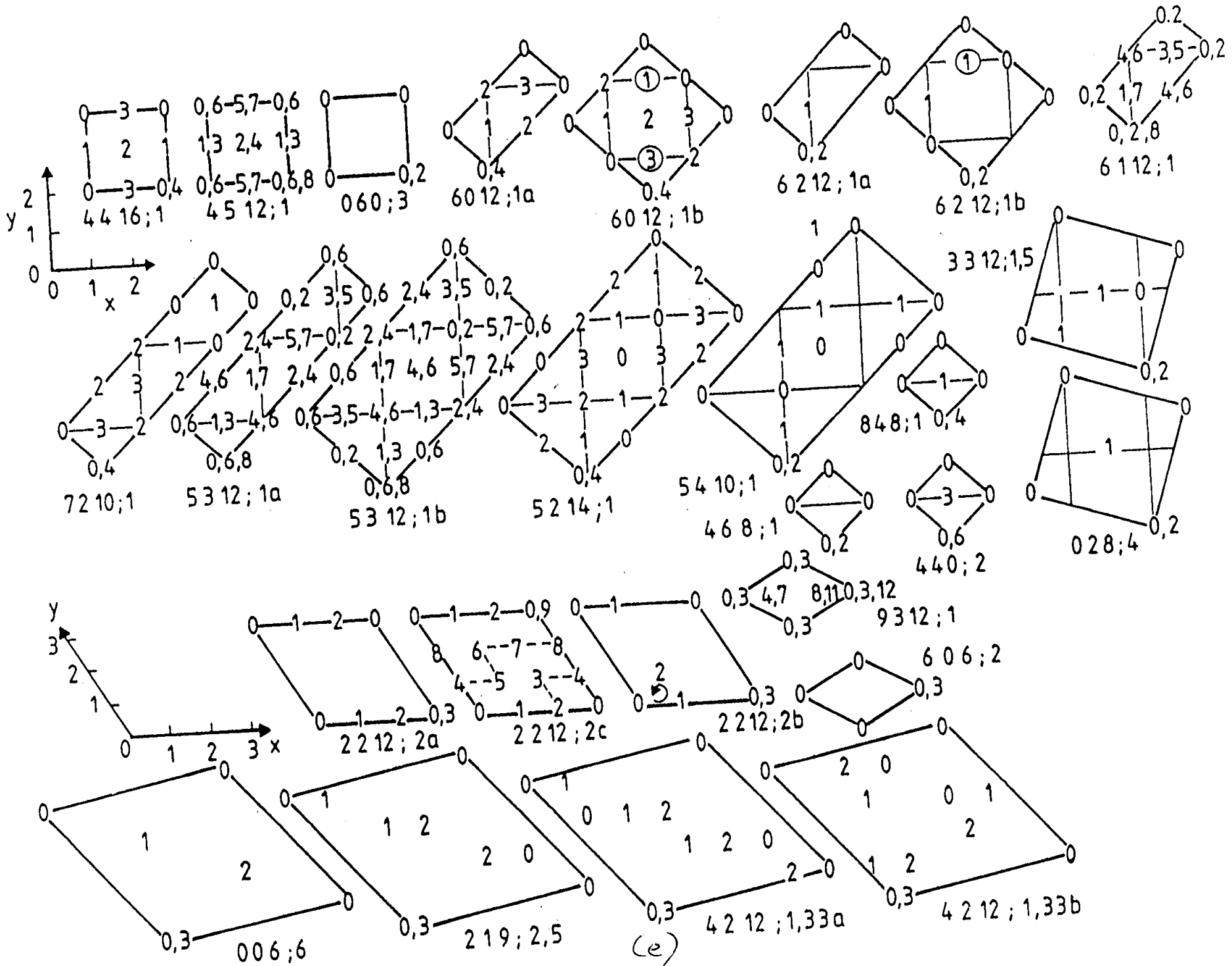


FIG 3A

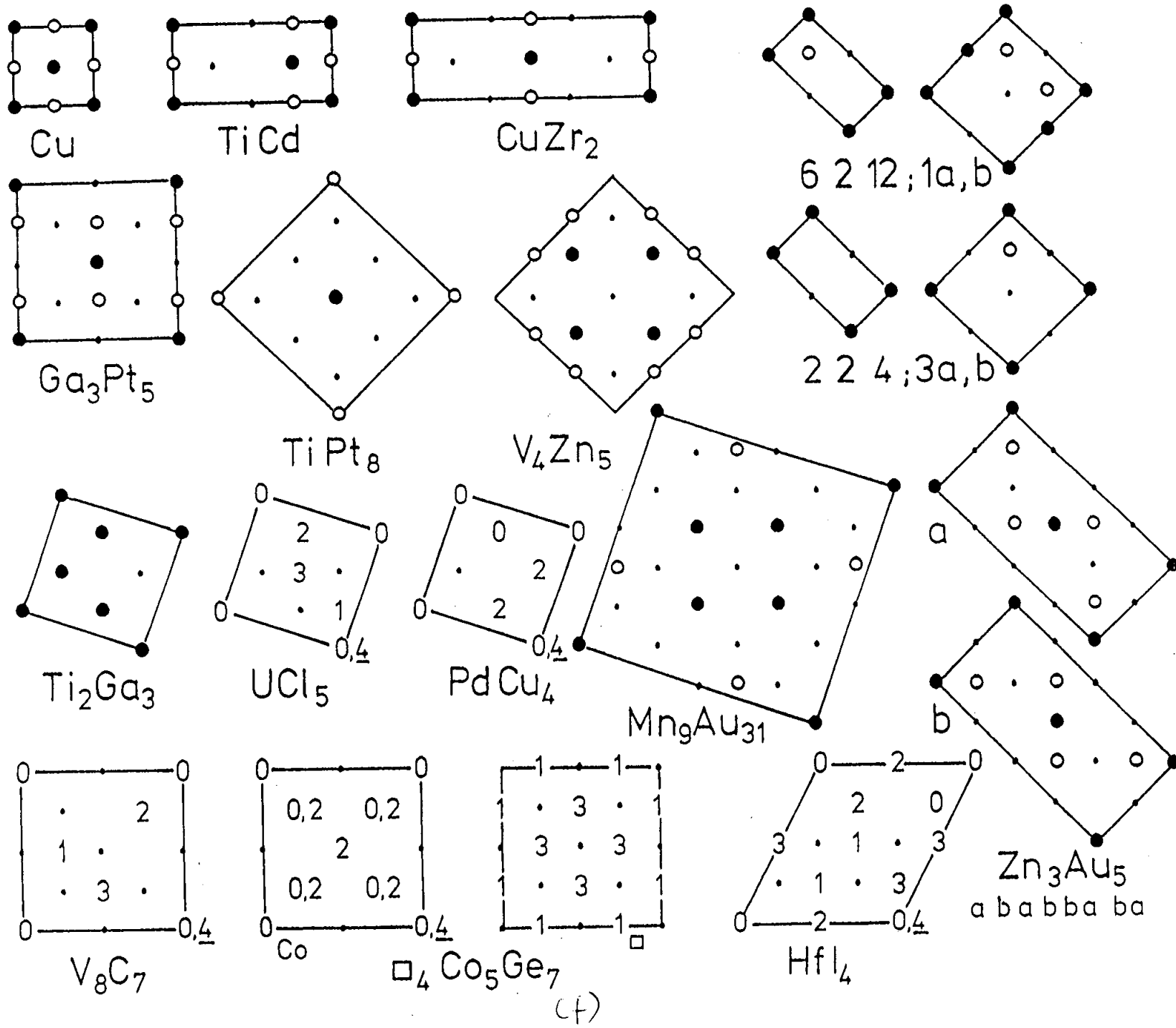
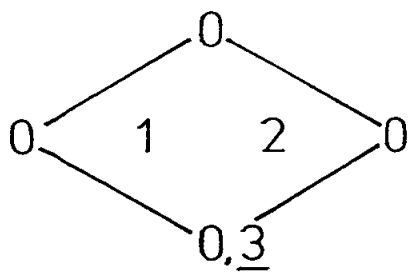
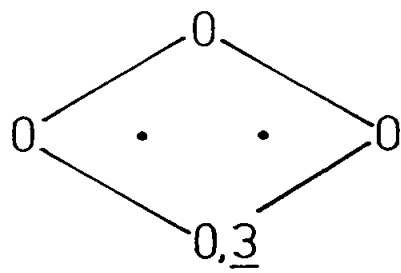


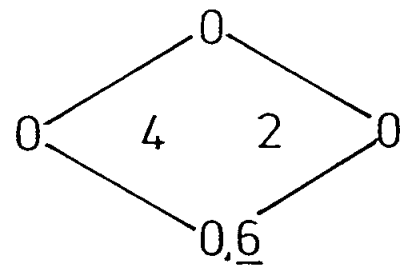
FIG 3A



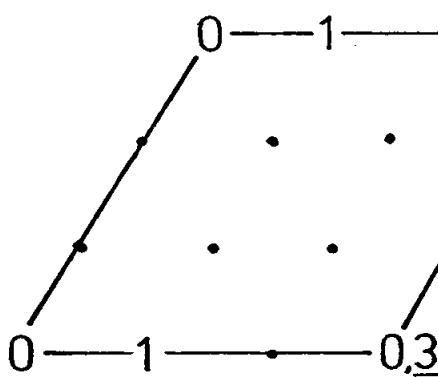
Cu



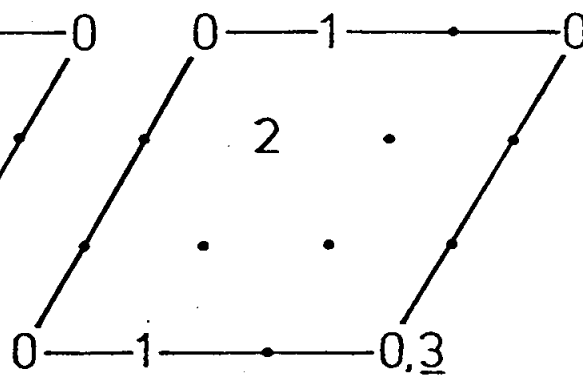
ZnAl₂



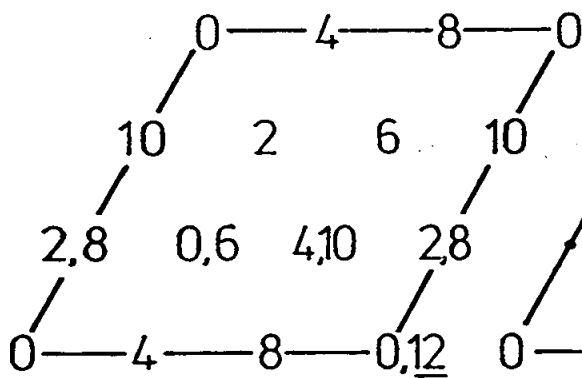
CuPt,a



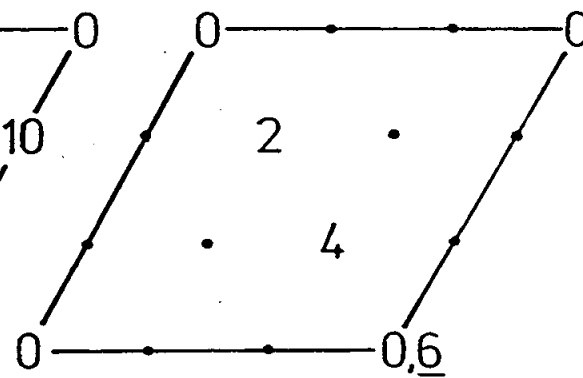
1 1 9; 3.5f



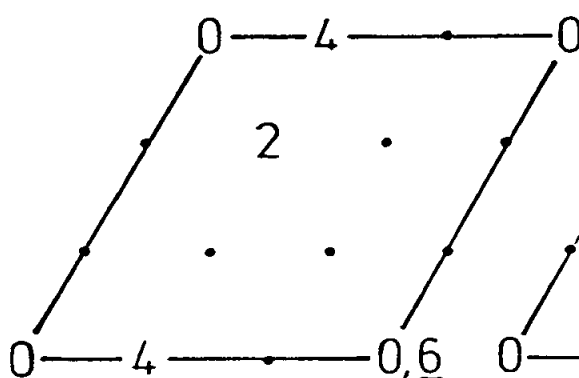
2 2 12; 2b



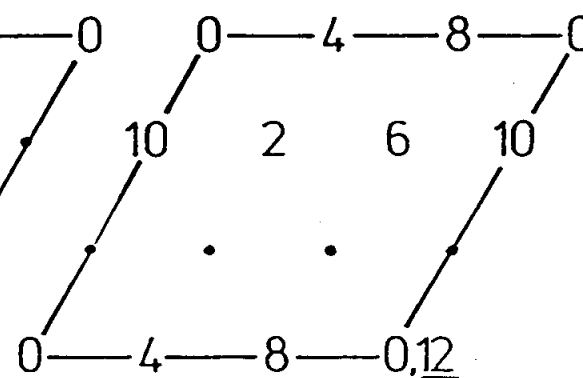
TiCl₃



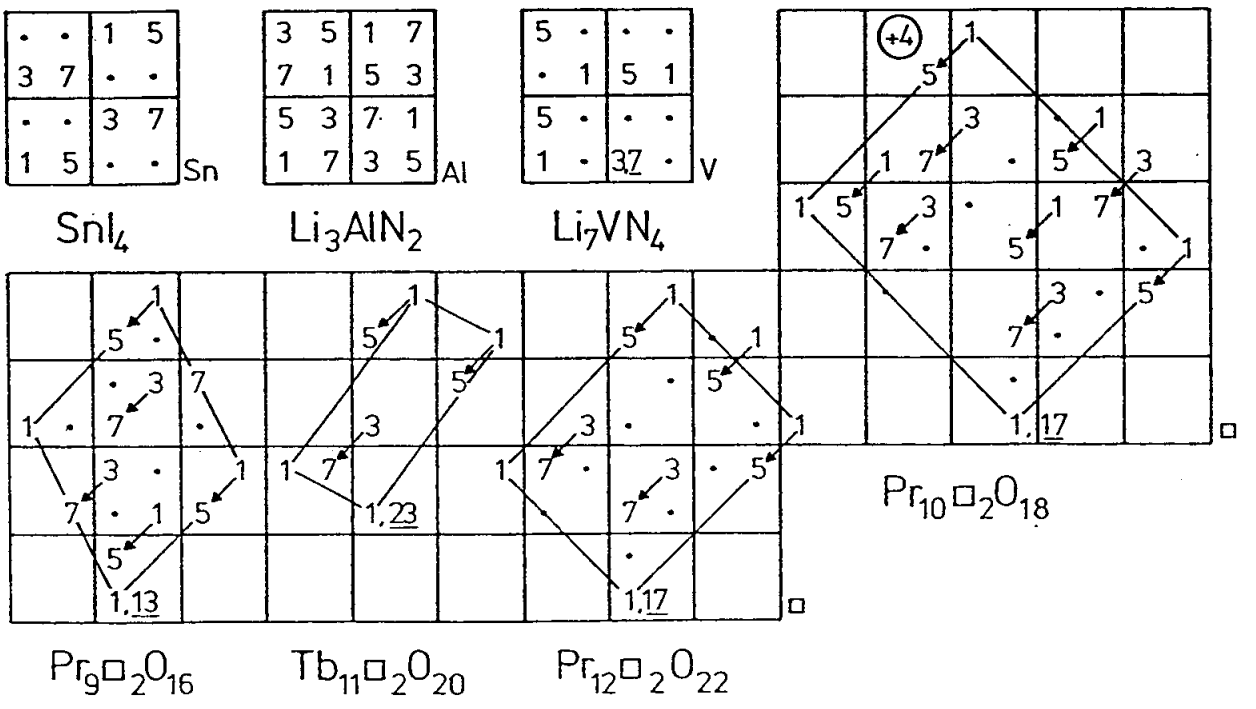
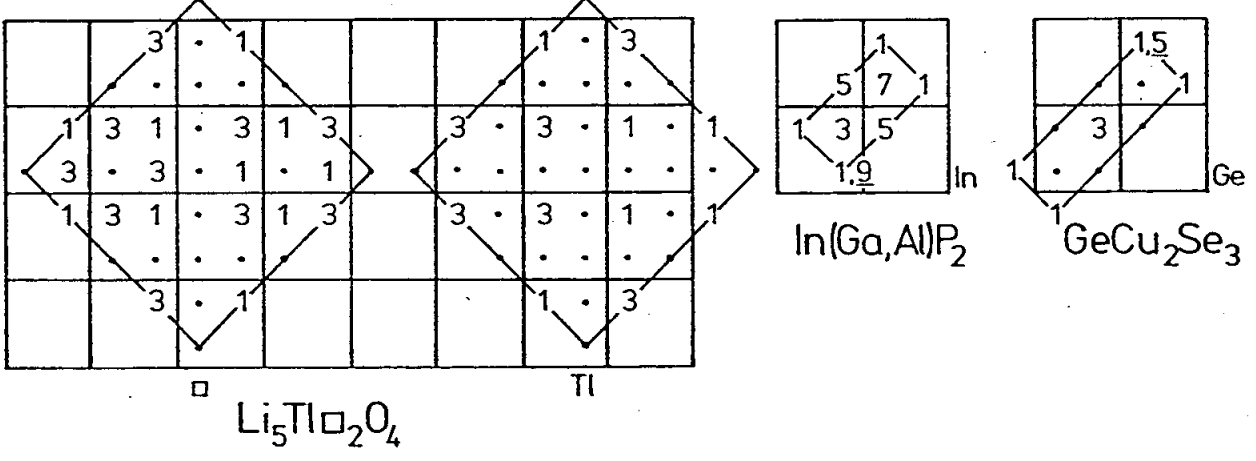
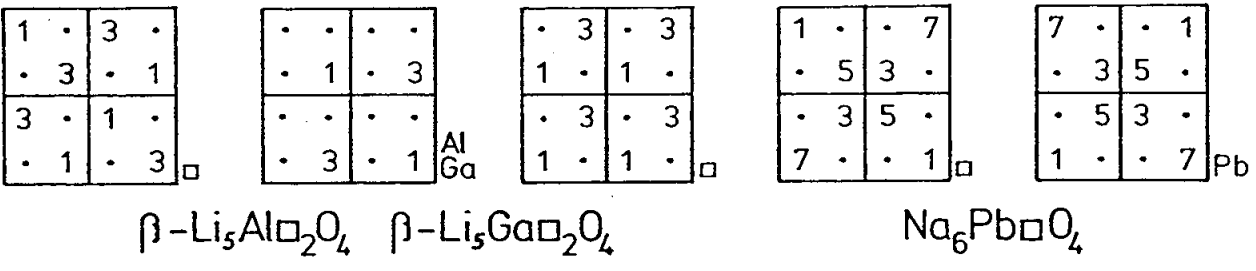
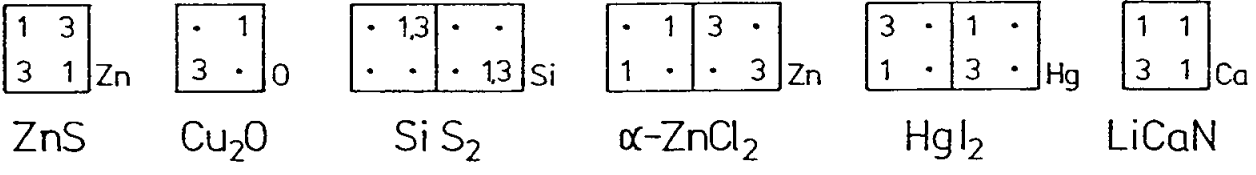
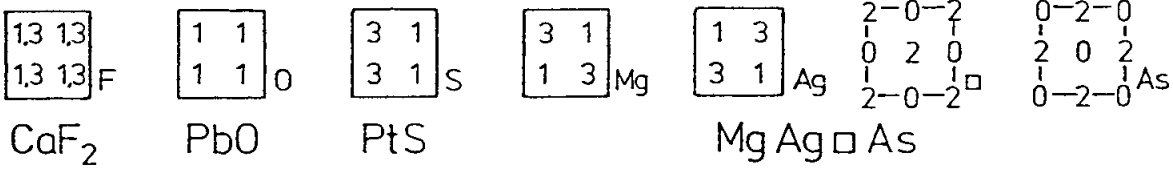
Sc₅S₆



V₆C₅, II



V₆C₅, III



(a)

FIG 4A

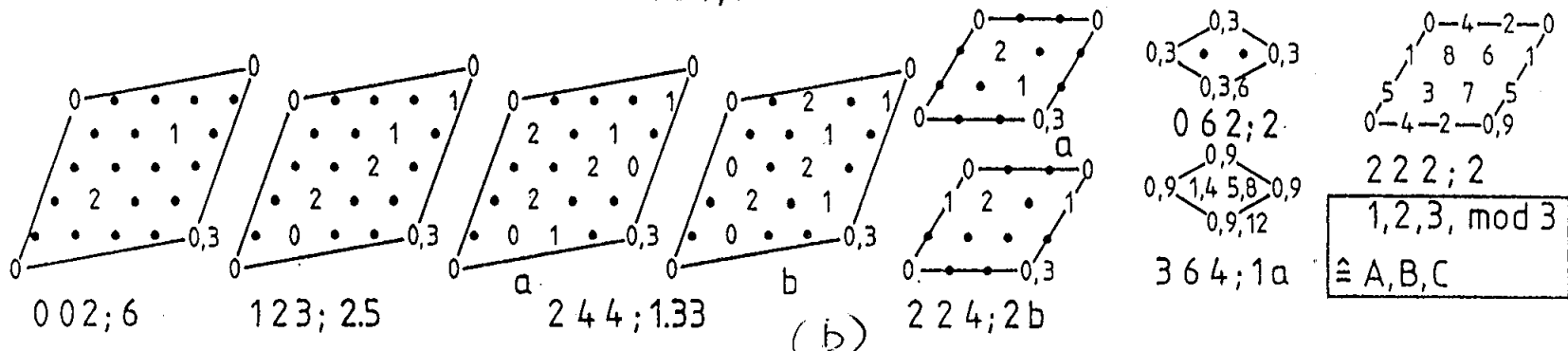
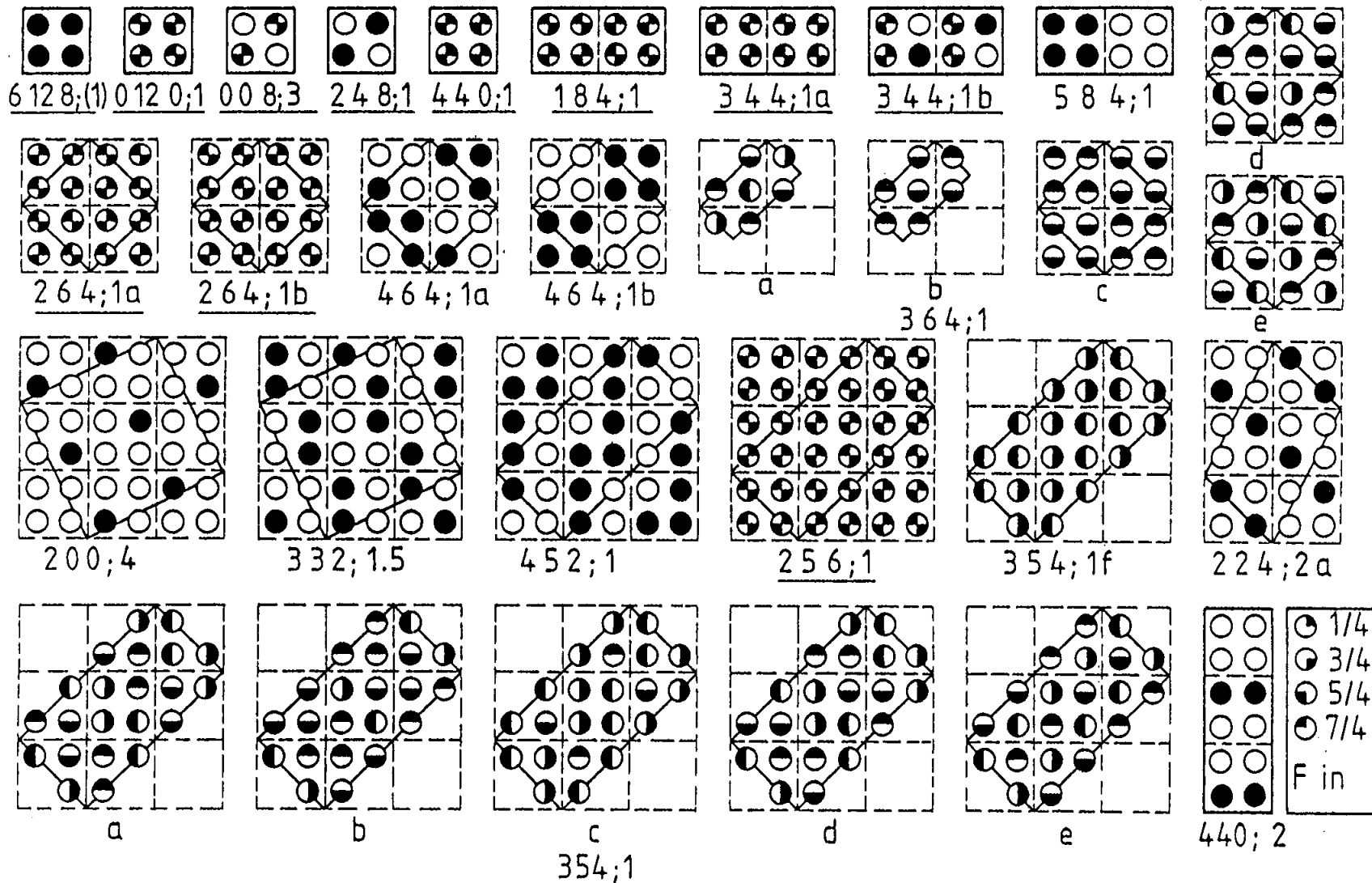


FIG 4A