Варіант 2

R(A,B,C,D,E,F,G,K)

A->BCF; K->G;

FB->CD; C->AE;

AB->F;

1)A->B

2)A->C - викреслюємо

3)A->F

4)K->G

5)FB->C

6)FB->D

7)C->A

8)C->E

9)AB->F – викреслюємо

Маємо, що

1)A+={A,C,F,E} – обов’язкова

2)A+={A,F,B,C,D}-(3,1,5)-(3)

3)A+={A,C,E,B,F}-(1,9)-(9)

4)K+={K} – обов’язкова

5)FB+={F,B,D} – обов’язкова

6)FB+={F,B,C,A,E} – обов’язкова

7)С+={C,E} – обов’язкова

8) С+={C,A,B,F,D} – обов’язкова

9)AB+={A,B,C,F,….}-(3)

Отже,

1)A->B

3)A->F

4)K->G

5)FB->C

6)FB->D

7)C->A

8)C->E

~~F~~ : B+={B,F}

~~B~~ : F+={F}

1)A->BF

4)K->G

5)B->CD

7)C->AE

R(A,B,C,D,E,F,G,K)

R1(CAE) R1’(B,C,D,F,G,K)

R2(BCD) R2’(B,F,G,K)

R3(KG) R3’(B,F,K)

R4=R3’

A->BF; K->G; FB->CD; C->AE

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F | G | K |
| R1 | A1 | B12 | A3 | B14 | A5 | B16 | B17 | B18 |
| R2 | B21 | A2 | A3 | A4 | B25 | B26 | B27 | B28 |
| R3 | B31 | B32 | B33 | B34 | B35 | B36 | A7 | A8 |
| R4 | B41 | A2 | B43 | B44 | B45 | A6 | B47 | A8 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F | G | K |
| R1 | A1 | B12 | A3 | B14 | A5 | B16 | B17 | B18 |
| R2 | A1 | A2 | A3 | A4 | A5 | B26 | B27 | B28 |
| R3 | B31 | B32 | B33 | B34 | B35 | B36 | A7 | A8 |
| R4 | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 |

Пройшло без втрат