5. R(K,L,M,N,O,P,Q,S)

K->LMP;

M->KO;

PL->MN;

KL->O;

Q->S;

1. K -> L
2. K -> M
3. K -> P
4. M -> K
5. M -> O
6. PL -> M
7. PL -> N
8. KL -> O
9. Q -> S
10. K+= {KMPO} – обов
11. ~~K+= {KLPMN} – (1, 3, 6)~~
12. K+= {KLMO} - обов
13. M+= {MO} - обов
14. M+= {MKLO} – (4, 1, 8) – (8)
15. PL += {PLN} - обов
16. PL += {PLMKO} - обов
17. ~~KL += {KLMPO} – (2, 5) – (5)~~
18. Q += {Q} – обов

M+= {MKLO} – (4, 1, 8)

KL += {KLMPO} – (2, 5)

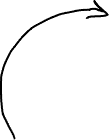
1. K -> L
2. K -> P
3. M -> K



1. M -> O



1. PL -> M



1. PL -> N

9) Q -> S



1. K -> LP
2. M -> OK
3. PL -> MN



1. Q -> S



Декомпозиція

R(K,L,M,N,O,P,Q,S)

R1(QS) R` = (K,L,M,N,O,P, Q)

R2(KPL) R` = (K, M, N, O, Q)

R3(MKO) R` = (M, N, Q)

K->LP M->OK PL->MN Q->S

R1(QS)

R2(KPL)

R3(MKO)

R4(MNQ)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | K | L | M | N | O | P | Q | S |
| R1 | B11 | B12 | B13 | B14 | B15 | B16 | A7 | A8 |
| R2 | A1 | A2 | B23 | B24 | B25 | A6 | B27 | B28 |
| R3 | A1 | B22 | A3 | B34 | A5 | B36 | B37 | B38 |
| R4 | B41 | B42 | A3 | A4 | B45 | B46 | A7 | B48 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | K | L | M | N | O | P | Q | S |
| R1 | B11 | B12 | B13 | B14 | B15 | B16 | A7 | A8 |
| R2 | A1 | A2 | A3 | A4 | B25 | A6 | B27 | B28 |
| R3 | A1 | A2 | A3 | B34 | A5 | A6 | B37 | B38 |
| R4 | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 |

TRUE