N2 (3,6. 8.15.) $P = 15 \lambda_1 + 14 \lambda_2 + 23 \lambda_3 \rightarrow max$ $S_1 = -40 - \lambda_1 + 2\lambda_2 + 2\lambda_3$ $S_2 = -30 - 3\lambda_1 - \lambda_2 - 3\lambda_3$ $S_3 + \lambda_1 + 2\lambda_2 + 2\lambda_3 = -40$ $S_2 + 3\lambda_1 + \lambda_2 + 3\lambda_3 = -30$ $J_{16} = -\lambda_1$ $P = -15\lambda_{16} - 14\lambda_{26} - 23\lambda_{36} = -40$ $S_1 - \lambda_{16} - 2\lambda_{26} - 3\lambda_{36} = -40$ $S_2 - 3\lambda_{36} - \lambda_{26} - 3\lambda_{36} = -30$ $P + 15\lambda_{16} + 14\lambda_{26} + 23\lambda_{36} = 0 \rightarrow max$

| БП | λ1b | λ2ь | λ3b | ξ1 | ξ2 | CB |
|------------|------|----------|-------------------|------|------------|------|
| Φ | 15 | 17 | 23 | 0 | 0 | 0 |
| | 8,5 | | | - | 0 | |
| ξ1 | -1 | -2 | -2 | 1 | 0 | -40 |
| | 0,5 | | 1 1 | - | 0 | |
| ξ2 | -3 | -1 | -3 | 0 | 1 | -30 |
| | -0,5 | -1 | <mark>1</mark> -1 | - | | -20 |
| | -15 | -8,5 | -11,5 | 0 | #ДЕЛ/0! | (|
| БП | λ1b | λ2b | λ3ь | ξ1 | ξ2 | СВ |
| Φ | 6,5 | 0 | 6 | 8,5 | 0 | -340 |
| | 6,5 | (| 5,2 | | | |
| λ2ь | 0,5 | 1 | 1 | -0,5 | 0 | 20 |
| | 0,5 | | 0,4 | | | |
| ξ 2 | -2,5 | 0 | -2 | -0,5 | 1 | -10 |
| | 1 | , | 0,8 | | | |
| | -2,6 | #ДЕЛ/0! | -3 | -17 | 0 | 34 |
| БП | λ1b | λ2b | λ3ь | ξ1 | <u></u> ξ2 | CB |
| Φ | 0 | 0 | 0,8 | 7,2 | 2,6 | -366 |
| 2.21 | 0 | 1 | 0,6 | -0,6 | 0,2 | 18 |
| λ2b | | | | | | |
| λ1b | 1 | 0 | 8,0 | 0,2 | -0,4 | 4 |
| | | | | | | |
| | | λ1 λ2 | -18 | | | |
| | | λ3 | -10 | | | |
| | | Φ | -366 | | | |