# Введите 20 коэффициентов для 3 х дополнительных уравнений

1. 1. 1. 1. 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. (Enter) 1-ое уравнение: 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 2-ое уравнение: 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 1. 0. 0. 0. 3-е уравнение:

> длина печи L= 48.00 высота печи н= 56.00 уд. эл. сопротивление во = .300

#### координаты электродов в исходной системе

### координаты электродов в исходной системе

υ -3.00

V 10.00 11.00 12.00 43.00 44.00 45.00 30.50 28.00 25.50 15.00 16.00 39.00 40.00 48.00 49.00 38.00 35.50 20.50 18.00 6.00

v 7.00

#### РАДИУСЫ ЭЛЕКТРОДОВ

|     | .25 | .25 | .25 | .25 | .25 | .25 | .25 | . 25 |
|-----|-----|-----|-----|-----|-----|-----|-----|------|
| .25 | .25 | .25 | .25 | .25 | .25 | .25 | .25 | . 25 |
| 25  | 25  | 25  |     |     |     |     |     |      |

#### радиусы электродов

.25

#### длины электродов

|      | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 |
|------|------|------|------|------|------|------|------|------|
| 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 |
| 6.00 | 6.00 | 6.00 |      |      |      |      |      |      |

### длины электродов

6.00

КОЛИЧЕСТВО СИЛОВЫХ ГРУПП NP = 4 НАЧАЛЬНЫЕ НАПРЯЖЕНИЯ U0: 200.0 200.0 200.0 200.0 исходные мощности ро: 600000.0 200000.0 200000.0

## коэффициенты напряжений

| B( 1  | L,  | 1, | 1) | =   | 50   | В(  | 1, | 2, | 1) | = | 87 | В( | 2, | 1, | 1) | = | 50   |
|-------|-----|----|----|-----|------|-----|----|----|----|---|----|----|----|----|----|---|------|
| B( 2  | 2,  | 2, | 1) | i=1 | .87  | В(  | 3, | 1, | 2) | = | 50 |    |    |    |    |   |      |
| B(3   | 3,  | 2, | 2) | =   | 87   | В(  | 4, | 1, | 3) | = | 50 | В( | 4, | 2, | 3) | = | . 87 |
| B ( 5 | · . | 1. | 41 | =   | 1.00 | B ( |    |    |    |   |    |    |    |    |    |   |      |

## коэффициенты мощностей

| Α( | 1,  | 1,   | 1,  | 1) | = | -1.00 | Α(  | 1, | 1, | 2,  | 1) | = | -1.00 | Α( | 1, | 1,  | 3,  | 1) | =        | -1.00 |
|----|-----|------|-----|----|---|-------|-----|----|----|-----|----|---|-------|----|----|-----|-----|----|----------|-------|
| Α( | 1,  | 1,   | 4,  | 1) | = | 50    | A ( | 1, | 1, | 5,  | 1) | = | 50    |    |    |     |     |    |          |       |
| Α( | 1,  | 1,   | 6,  | 1) | = | 50    | Α(  | 1, | 1, | 4,  | 2) | = | .87   | Α( | 1, | 1,  | 5,  | 2) | =        | . 87  |
| Α( | 1,  | 1,   | 6,  | 2) | = | .87   | A ( | 2, | 2, | 10, | 1) | = | 50    |    |    |     |     |    |          |       |
| Α( | 2,  | 2,1  | 11, | 1) | = | 50    | A ( | 2, | 2, | 10, | 2) | = | 87    | Α( | 2, | 2,3 | 11, | 2) | =        | 87    |
| Α( | 3,  | 3,1  | 14, | 1) | = | 50    | Α(  | 3, | 3, | 15, | 1) | = | 50    |    |    |     |     |    |          |       |
| Α( | 3,  | 3,3  | 14, | 2) | = | .87   | Α(  | 3, | 3, | 15, | 2) | = | .87   | Α( | 4, | 4,  | 18, | 1) | $\equiv$ | 1.00  |
| Α( | 4,  | 4,3  | 19, | 1) | = | 1.00  | Α(  |    |    |     |    |   |       |    |    |     |     |    |          |       |
|    | HAJ | прях | KEH | 4Я |   |       |     |    |    |     |    |   |       |    |    |     |     |    |          |       |