>> gofa\_5\_95

dependencies of 2 screws:

solving for columns [1 2] -------------------------------------

not found

cost:

1.0702

solving for columns [1 3] -------------------------------------

not found

cost:

1.0320

solving for columns [1 4] -------------------------------------

found:

0 0.2504 -1.8212 -0.0345 -0.3514 0

cost:

3.5088e-12

solving for columns [1 5] -------------------------------------

not found

cost:

6.3164e-04

solving for columns [1 6] -------------------------------------

found:

0 -0.3303 -0.5281 0.0000 -0.7125 0

cost:

8.9563e-13

solving for columns [2 3] -------------------------------------

not found

cost:

0.1971

solving for columns [2 4] -------------------------------------

not found

cost:

1.0702

solving for columns [2 5] -------------------------------------

not found

cost:

0.0015

solving for columns [2 6] -------------------------------------

not found

cost:

0.0015

solving for columns [3 4] -------------------------------------

not found

cost:

1.0320

solving for columns [3 5] -------------------------------------

not found

cost:

0.2330

solving for columns [3 6] -------------------------------------

not found

cost:

0.1642

solving for columns [4 5] -------------------------------------

not found

cost:

1.0000

solving for columns [4 6] -------------------------------------

not found

cost:

0.0027

solving for columns [5 6] -------------------------------------

not found

cost:

1.0032

dependencies of 3 screws:

solving for columns [1 2 3] -------------------------------------

conditions:

not found

cost:

0.1971

solving for columns [1 2 4] -------------------------------------

conditions: [1 4]

not found

cost:

0.0107

solving for columns [1 2 5] -------------------------------------

conditions:

not found

cost:

6.7600e-04

solving for columns [1 2 6] -------------------------------------

conditions: [1 6]

not found

cost:

3.1671e-05

solving for columns [1 3 4] -------------------------------------

conditions: [1 4]

not found

cost:

0.0103

solving for columns [1 3 5] -------------------------------------

conditions:

not found

cost:

8.0107e-04

solving for columns [1 3 6] -------------------------------------

conditions: [1 6]

not found

cost:

1.1952e-04

solving for columns [1 4 5] -------------------------------------

conditions: [1 4]

found:

0 -0.8772 0.3220 -1.5708 -0.5715 0

cost:

3.6674e-12

solving for columns [1 4 6] -------------------------------------

conditions: [1 6] [1 4]

found:

0 0.1282 -0.0089 -0.0000 -0.1486 0

cost:

3.8589e-14

solving for columns [1 5 6] -------------------------------------

conditions: [1 6]

not found

cost:

6.3436e-05

solving for columns [2 3 4] -------------------------------------

conditions:

not found

cost:

0.1971

solving for columns [2 3 5] -------------------------------------

conditions:

found:

0 -0.0000 -1.3409 -0.0000 -0.0000 0

cost:

1.7980e-12

solving for columns [2 3 6] -------------------------------------

conditions:

found:

0 0.0003 -1.2959 1.5708 -1.5708 0

cost:

6.6142e-12

solving for columns [2 4 5] -------------------------------------

conditions:

not found

cost:

0.0015

solving for columns [2 4 6] -------------------------------------

conditions:

found:

0 0.0213 -1.8212 1.5708 -0.0890 0

cost:

5.7934e-12

solving for columns [2 5 6] -------------------------------------

conditions:

not found

cost:

0.0015

solving for columns [3 4 5] -------------------------------------

conditions:

not found

cost:

0.2330

solving for columns [3 4 6] -------------------------------------

conditions:

not found

cost:

3.3363e-04

solving for columns [3 5 6] -------------------------------------

conditions:

not found

cost:

0.1642

solving for columns [4 5 6] -------------------------------------

conditions:

not found

cost:

0.0064

dependencies of 4 screws:

solving for columns [1 2 3 4] -------------------------------------

conditions: [1 4]

not found

cost:

0.0020

solving for columns [1 2 3 5] -------------------------------------

conditions: [2 3 5]

not found

cost:

1.3223e-05

solving for columns [1 2 3 6] -------------------------------------

conditions: [2 3 6] [1 6]

found:

0 -0.0000 -1.2726 -1.2646 -0.7951 0

cost:

3.8513e-12

solving for columns [1 2 4 5] -------------------------------------

conditions: [1 4 5]

not found

cost:

1.3713e-05

solving for columns [1 2 4 6] -------------------------------------

conditions: [2 4 6] [1 4 6]

not found

cost:

1.2567e-05

solving for columns [1 2 5 6] -------------------------------------

conditions: [1 6]

not found

cost:

2.5599e-06

solving for columns [1 3 4 5] -------------------------------------

conditions: [1 4 5]

not found

cost:

9.6275e-04

solving for columns [1 3 4 6] -------------------------------------

conditions: [1 4 6]

not found

cost:

8.9049e-05

solving for columns [1 3 5 6] -------------------------------------

conditions: [1 6]

not found

cost:

5.3003e-07

solving for columns [1 4 5 6] -------------------------------------

conditions: [1 4 6] [1 4 5]

not found

cost:

2.0692e-05

solving for columns [2 3 4 5] -------------------------------------

conditions: [2 3 5]

not found

cost:

0.0100

solving for columns [2 3 4 6] -------------------------------------

conditions: [2 4 6] [2 3 6]

found:

0 0.0843 -1.3859 1.5708 0.7443 0

cost:

4.9493e-12

solving for columns [2 3 5 6] -------------------------------------

conditions: [2 3 6] [2 3 5]

not found

cost:

5.2494e-05

solving for columns [2 4 5 6] -------------------------------------

conditions: [2 4 6]

not found

cost:

1.3995e-05

solving for columns [3 4 5 6] -------------------------------------

conditions:

not found

cost:

3.7221e-04

dependencies of 5 screws:

solving for columns [1 2 3 4 5] -------------------------------------

conditions: [2 3 5] [1 4 5]

found:

0 -0.0000 -1.3409 0.7704 0.0000 0

cost:

2.3915e-12

solving for columns [1 2 3 4 6] -------------------------------------

conditions: [2 3 4 6] [1 2 3 6] [1 4 6]

found:

0 -0.0000 -1.3735 -0.6168 1.4881 0

cost:

4.4922e-12

solving for columns [1 2 3 5 6] -------------------------------------

conditions: [1 2 3 6] [2 3 5]

found:

0 0.1201 -1.3605 0.8428 1.0524 0

cost:

3.6835e-12

solving for columns [1 2 4 5 6] -------------------------------------

conditions: [2 4 6] [1 4 6] [1 4 5]

found:

0 -0.0850 -1.2203 -0.1357 1.5708 0

cost:

1.4188e-06

solving for columns [1 3 4 5 6] -------------------------------------

conditions: [1 4 6] [1 4 5]

not found

cost:

1.6134e-07

solving for columns [2 3 4 5 6] -------------------------------------

conditions: [2 3 4 6] [2 3 5]

not found

cost:

5.2494e-05

dependencies of 6 screws:

solving for columns [1 2 3 4 5 6] -------------------------------------

conditions: [1 2 4 5 6] [1 2 3 5 6] [1 2 3 4 6] [1 2 3 4 5]

not found

cost:

0.0244