

```
>> L1
```

```
AB =
```

```
    1    23     6
   48   -23   -29
  -65    41    30
```

```
BA =
```

```
   18   -17   -29
   -4     7   -41
   38   -23   -17
```

```
check_a =
```

```
   17   -40   -35
  -52    30   -12
  103   -64   -47
```

```
check_b =
```

```
    0     0     0
    0     0     0
    0     0     0
```

```
check_c =
```

```
    0     0     0
    0     0     0
    0     0     0
```

```
check_d1 =
```

```
    0     0     0
    0     0     0
    0     0     0
```

```
check_d2 =
```

-17	52	-103
40	-30	64
35	12	47

A_in =

0.3462	-0.5385	-0.4231
0.2051	-0.6154	-0.4359
0.0256	-0.0769	-0.1795

B_in =

0.1552	-0.0920	0.0747
0.2586	-0.2644	-0.0977
-0.0172	0.1954	0.0287

AB_in =

0.0368	-0.0327	-0.0390
0.0328	0.0309	0.0234
0.0349	-0.1132	-0.0830

check_e1 =

0.1150	-0.0606	-0.1053
0.1526	-0.0277	-0.0396
0.0477	-0.0961	-0.0873

check_e2 =

1.0e-16 *

-0.0694	0.0694	0
-0.2082	0.1388	0.1041
0.1388	0.1388	-0.1388

dA =

78

dB =

174

dAB =

1.3572e+04

check_f =

3.6380e-12

check_g =

-2.8422e-14

>>