```
A = [38 37 34; 37 42 7; 1 18 2; 11 7 34; 14 34 26; 12 25 36];
b = [0;2; 1; 6; 5; 7];
x = A\b
r= A*x-b
12_r = norm(r, 2)
```

```
x =

-0.1515
0.0986
0.1519

r =

3.0537
-2.4029
0.9265
-1.8125
0.1793
-0.8860

12_r =

4.4788
```

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