第三章

n = 10

r的无穷范数 2.078×10^{-4}

delta的无穷范数 1.221×10^{-3}

cond = 35356847610517.12

n:10, noise:False

0.00020777917954895031

0.00122070312500000000

r的无穷范数 2.426×10^{-4}

delta的无穷范数 1.709×10^{-3}

cond = 35356847610517.12

n:10, noise:True

0.00024264268921703191

0.00170904677868233268

cond = 33872792385.924484

n:8, noise:False

0.00000019489089053693

0.00000143051147460938

cond = 4.255399301891292e+16

n:12, noise:False

0.13985287083519848395

1.00000000000000000000

cond = 1.1489640282002911e+18

n:14, noise:False

nan

nan

观察可知n增大残差增大，稳定性降低，n=14时溢出，可见问题较病态