A =

15 14 11

5 18 2

10 20 3

b =

-5

7

-5

x =

-3.3767

1.0083

2.8667

ans =

-600

ans =

3

ans =

52

ans =

36.0302

ans =

40

ans =

1.0000 -36.0000 149.0000 600.0000

V =

-0.7406 -0.8944 -0.5647

-0.3855 0.4472 0.0575

-0.5504 0.0000 0.8233

D =

30.4621 0 0

0 8.0000 0

0 0 -2.4621

U =

-0.6083 0.7726 -0.1820

-0.4970 -0.5495 -0.6716

-0.6189 -0.3181 0.7182

S =

36.0302 0 0

0 10.1555 0

0 0 1.6398

V =

-0.4940 0.5573 0.6674

-0.8282 -0.5354 -0.1659

-0.2648 0.6346 -0.7260

W =

0.6674 0.5573 0.4940

-0.1659 -0.5354 0.8282

-0.7260 0.6346 0.2648

L =

1.0e+003 \*

0.0027 0 0

0 0.1031 0

0 0 1.2982

Q =

-0.8018 0.5179 -0.2981

-0.2673 -0.7570 -0.5963

-0.5345 -0.3984 0.7454

R =

-18.7083 -26.7261 -10.9577

0 -14.3427 2.9881

0 0 -2.2361

y =

-3.3767

1.0083

2.8667

ans =

1.7902e-015