Lecture 3 terminal results

- Own solver uses Eq. 15.4.17 from NR book (Filip data set results are wrong on purpose, we need to alter threshold to get better results.)
- Error estimation uses Eq. 15.4.19 from NR book

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Solution Filip using SVD:
Own solver:
     -1479.64       -2794.89       -2335.23      -1137.13      -357.359      -75.7383      -10.9652       -1.07113      -0.0675932     -0.0024895    -4.06612e-05
NR3 solver with default threshold:
      8.44741        1.36704       -5.35413      -3.34604      -0.408565      0.257102      0.119654       0.0231265      0.00240289     0.00013157     2.98907e-06
And now the error:
sigma    Vector 11D:
      89743.5         168526         140432        68396.8       21567.9       4602.49       673.335        66.7101        4.28517        0.161221       0.00269886
Solution Pont using SVD:
Own solver:
     0.00067356     7.32059e-07    -3.16081e-15
NR3 solver with default threshold:
     0.00067356     7.32059e-07    -3.16081e-15
And now the error:
sigma    Vector 3D:
      0.526068       7.69175e-07     2.37191e-13
```