## Gabriel José Negrelli Gomes – 8006157 Lista 5 - EESEP 1) Weighted Least-Square State Estimator **Estimated States:** 9.071429 7.357143 14.571429 Residue: 34.85714 66.14286 12.50000 -11.50000 -9.85714 7.85714 1.92857 -1.35714 -0.57143 Normalized Residue: 42.88298 81.37221 13.36306 12.29402 12.12674 9.66625 26.79975 17.95331

### Eliminating measure with highest normalized residue

# New Estimated States: 11.037838 5.927027 14.035135

### New Residue:

0.89189

7.94067

-0.01351

1.01351

1.01331

-0.91892

-1.08108

-0.03784

0.07297

-0.03514

### New Normalized Residue:

1.27872

0.01465

1.09844

1.14097

1.34231

0.55822

0.99254

0.49030