<u>(Prüfungs-)Aufgaben im Study-Center : Plan</u>

One or two exercises (mostly old exam exercises, but also coming from other sources) in details every Wednesday starting at 16h30.

10.04: About Jordan-normal forms
Calculation exercise (45 min)
Proof exercise (30 min)

17.04: About characteristic polynomial, eigenvalues, eigenvectors
Proof exercise (45 min)

24.04: About dual spaces
Proof exercise (45 min)

30.04 (Tuesday!): About scalar products
Proof exercise (45 min)

08.05: About Gram-Schmidt decomposition
Calculation exercise (45min)

15.05: About the adjoint map
Proof exercise (45 min)

22.05: About singular value decomposition
Calculation exercise (35 min)
Calculation exercise (20 min)

29.05: On demand