Lehrstuhl II für Mathematik
Dipl.-Math. Michael Hoschek

`http://www.math2.rwth-aachen.de`
WiSe 2013/2014

Calculus and Linear Algebra
for Biomedical Engineering
Lecture Topics

Selection of possible lecture topics:

- Numbers

- Complete Induction

- System of Linear Equations

- Vectors and Spans

- Analytic Geometry

- Matrices and Determinant

- Eigenvalues and Vectors

- Mappings

- Sequences

- Series

- Continuity

- Differentiability and Applications

- Special functions (exponential, logarithm, trigonometric)

- Techniques of Integration

- Improper Integrals

- Differential Equations