

TUTORIAL

“Numerical Methods for the Solution of Elliptic Partial Differential Equations”

to the lecture

“Numerics of Elliptic Problems”

Tutorial 12

Tuesday, 16 June 2020, Time: 10¹⁵ – 11⁴⁵, Room: KEP3.

3.7 A posteriori error estimates

- [61] In Section 3.6.2 of our lecture, we derived the residual error estimator for the Dirichlet problem of Poisson’s equation. How do we have to modify this estimator such that it works for our model problem CHIP ? Derive the right residual error estimator for the CHIP problem !