

BaTh/MaTh Discretization of Parameter Space for Virtual Scenario Based Testing

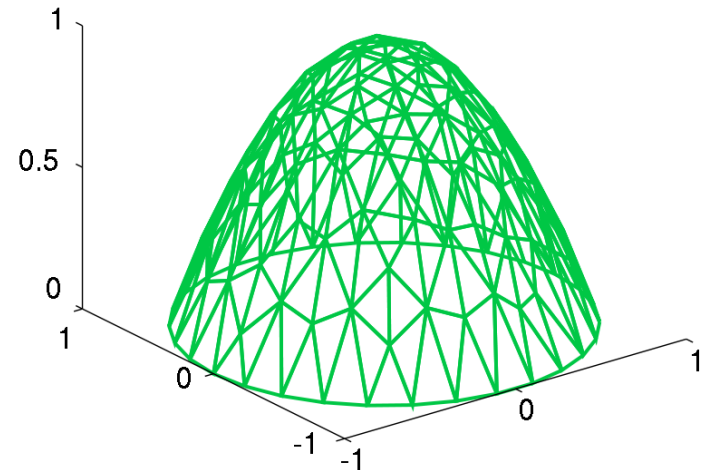
Diskretisierung des Parameterraums für Virtuelles Szenariobasiertes Testen

Scenario Parameter Discretization

- Discretization currently based on heuristics
- Reliable quantification of discretization error is required
- Adaptation of methods from other domains such as CFD, DOE and Metamodeling

Task Details

- Research on discretization methods and error estimates
- Analyse applicability to context of scenario parametrization
- Develop method for discretization and error estimate
- Implementation in existing toolchain



https://en.wikipedia.org/wiki/File:Finite_element_solution.svg

NOTICE: All projects and theses at FZD can be done in English or German, as preferred.
ANMERKUNG: Alle Projekte und Arbeiten bei FZD können wahlweise in Englisch oder Deutsch durchgeführt werden.