Chair of Computational Modeling and Simulation
Prof. Dr.-Ing. André Borrmann

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Software Lab:

Modeling: ★★★☆☆
Mathematics: ★☆☆☆☆
Programming: ★★★★★

Nemetschek – Simulation of reinforcement installation

Setting

Nemetschek Allplan is a tool commonly used by engineers for creating reinforcement detailing.

The next step of the process includes the automatic processing of visual representation of the reinforcement assembly based on the 3D-CAD drawings. This would improve the performance in two manners; on the one hand, reinforcement workers can improve their task, on the other hand, project managers can verify their schedules.
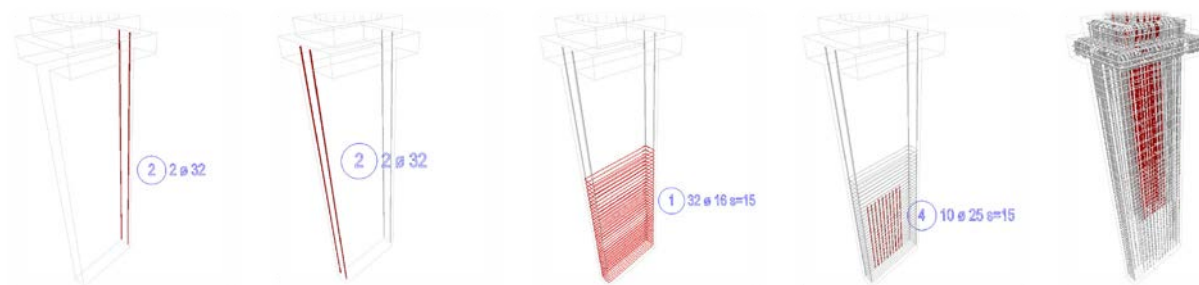
Task

The thesis will include the following tasks:

- Simulation of the assembly of the reinforcement
- Data has to be taken from Nemetschek Allplan
- The result has to be displayed on a mobile device

Supervisors

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