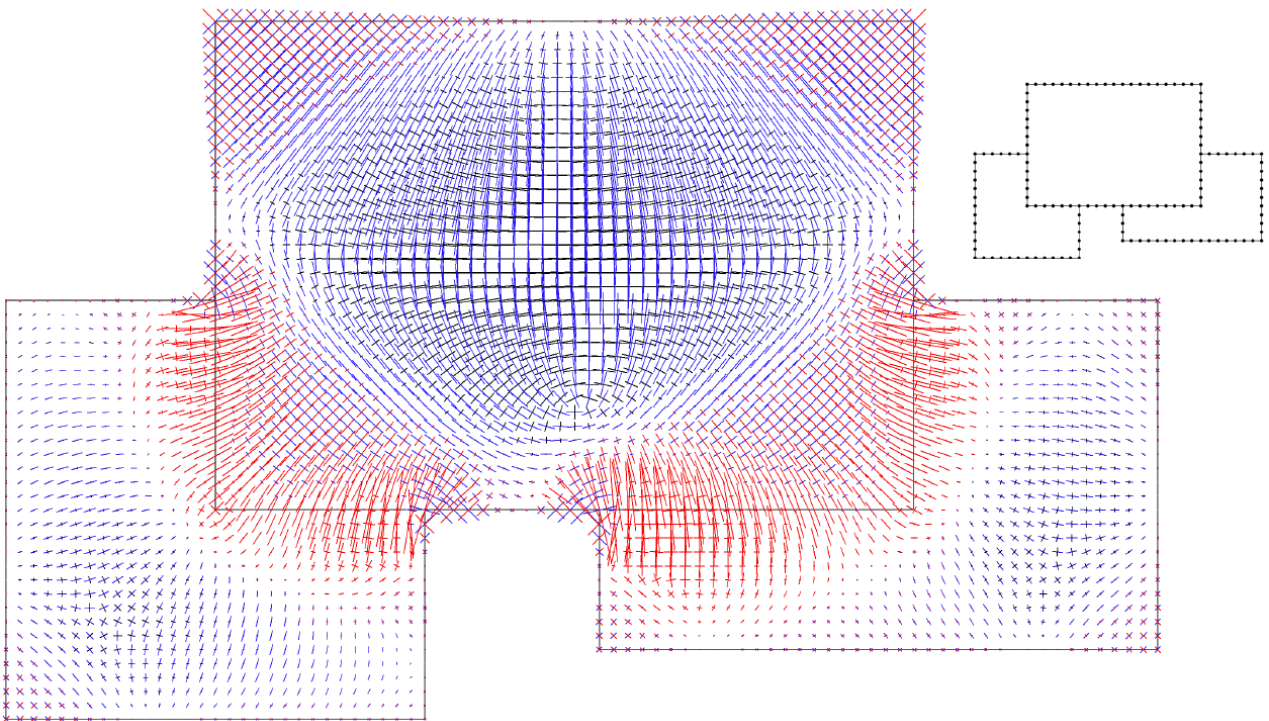


a



b

Plate and gravity load, principal moments, finite elements 0.2 x 0.2 m (SOFiStiK) and boundary elements, grid of mesh points 0.2 x 0.2 m (BE-SLABS). The mesh points of the FEM are the mid points of the (slightly) 'skew' elements, while they form a regular grid in the BEM. Results: max m_{xx} (FEM/BEM) 41.25/39.69 kNm/m and max m_{yy} 68.93/69.20 kNm/m