10

FEM

10

10 m

BEM

a

b

Plate and single force, principal stresses, finite elements 0.2 x 0.2 m (SOFiSTiK) and boundary elements, grid of mesh points 0.2 x 0.2 m (BE-PLATES). The mesh points of the FEM are the mid points of the (slightly) 'skew' elements, while they form a regular grid in the BEM