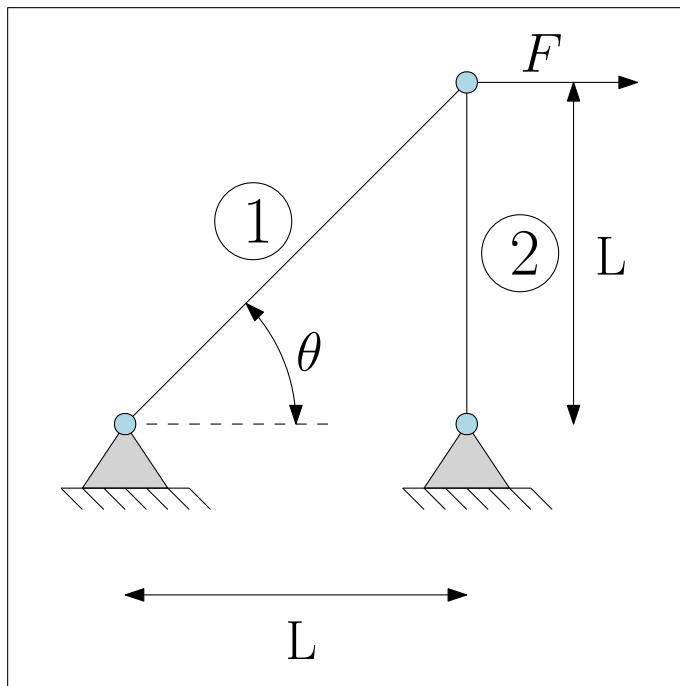


Analysis of planar truss structure

We want to compute the displacement at nodes of the following truss structure



The numerical values for this example are the following:

- ;
- Cross section for beam 1: — where ;
- Cross section for beam 2: ;
- Young Modulus (for both beams) ;
- From the geometry ;
- Applied force .