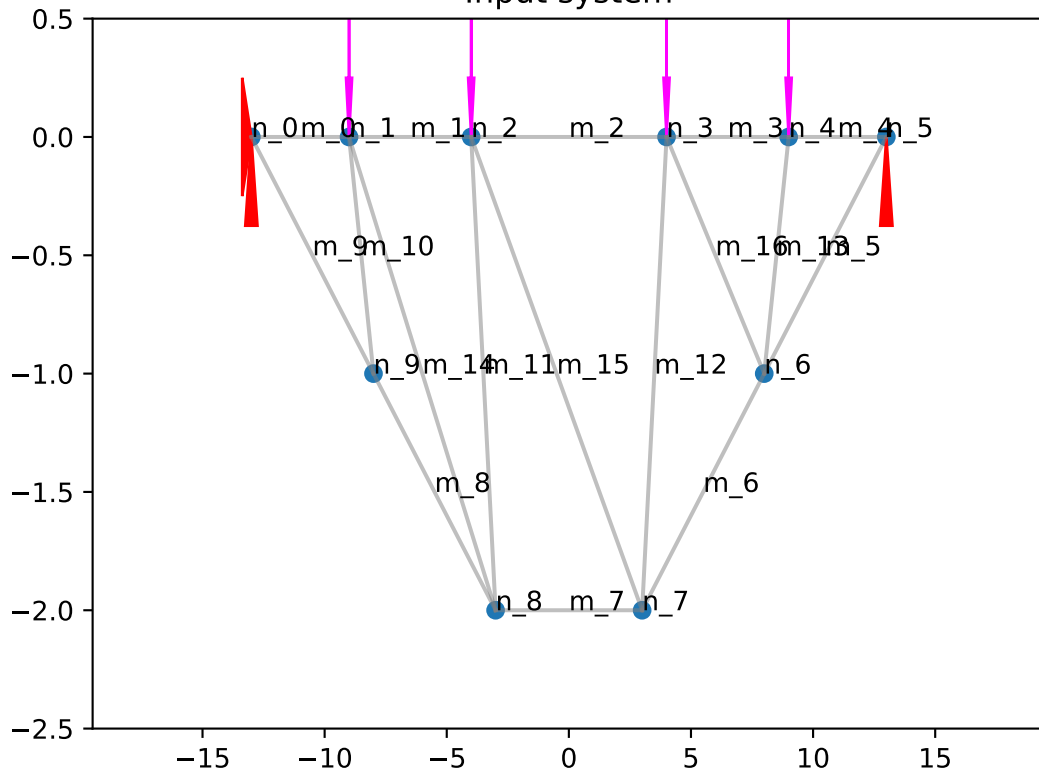
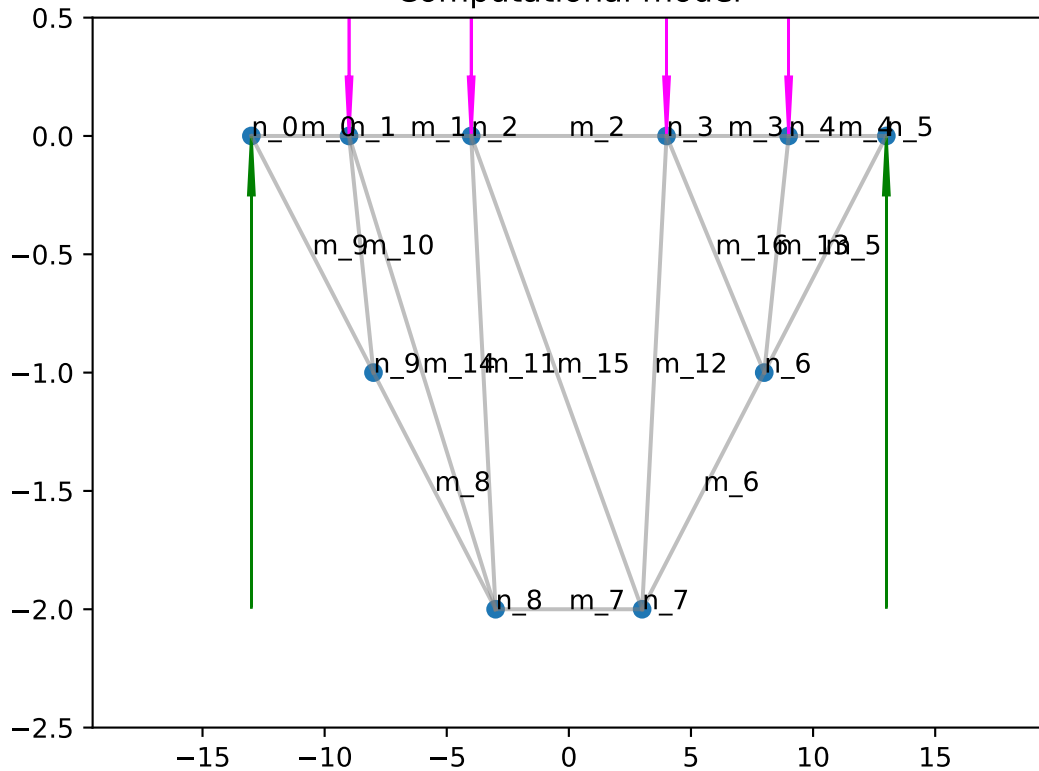


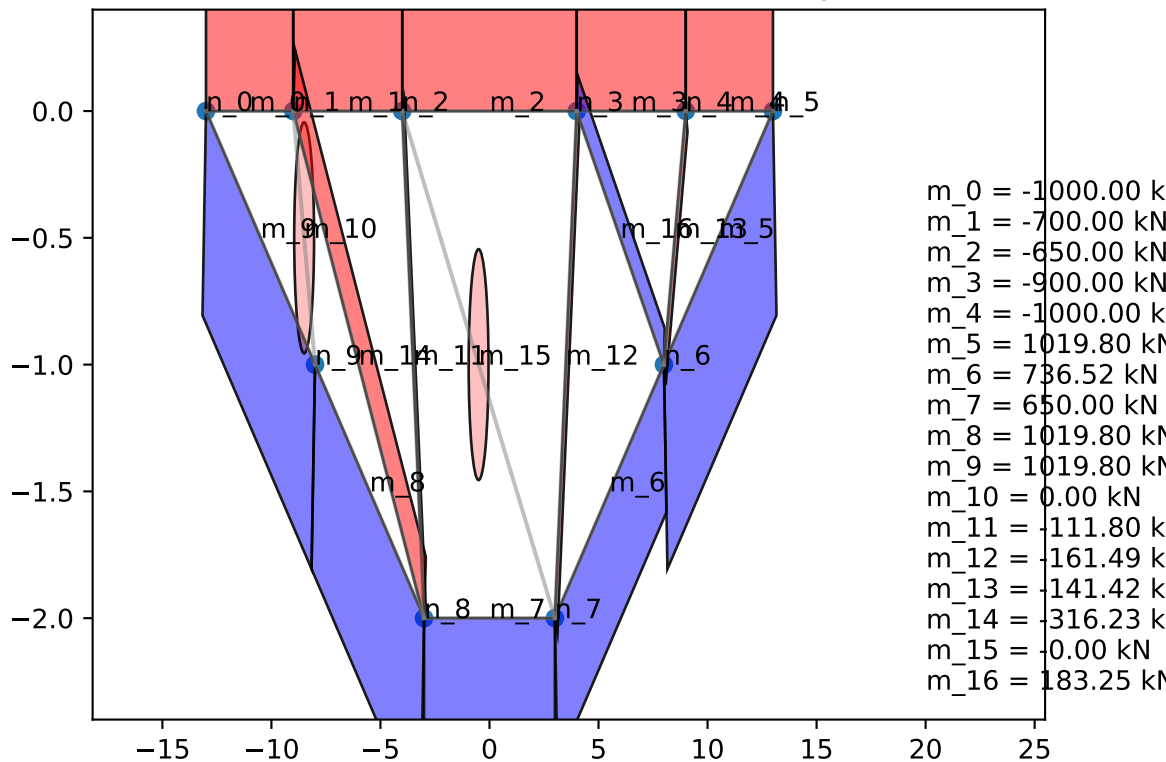
Input system



Computational model



Results: normal force distribution in system



The graph illustrates the relationship between nodes n_0, n_1, n_2, n_3, n_4 and r_0, r_1, r_2, r_3, r_4 . The nodes are plotted on a coordinate system with the x-axis ranging from -1200 to 200 and the y-axis ranging from 0 to 10. The nodes are connected by solid blue lines, and dashed blue lines represent additional connections or constraints. The labels for the nodes and edges are as follows:

- Nodes: n_0, n_1, n_2, n_3, n_4 (solid blue dots) and r_0, r_1, r_2, r_3, r_4 (dashed blue dots).
- Edges: Solid blue lines connect n_0 to n_1 , n_1 to n_2 , n_2 to n_3 , n_3 to n_4 , and n_0 to n_2 . Dashed blue lines connect n_0 to n_3 , n_0 to n_4 , n_1 to n_3 , n_1 to n_4 , n_2 to n_3 , n_2 to n_4 , n_3 to n_4 , and n_0 to n_1 .

