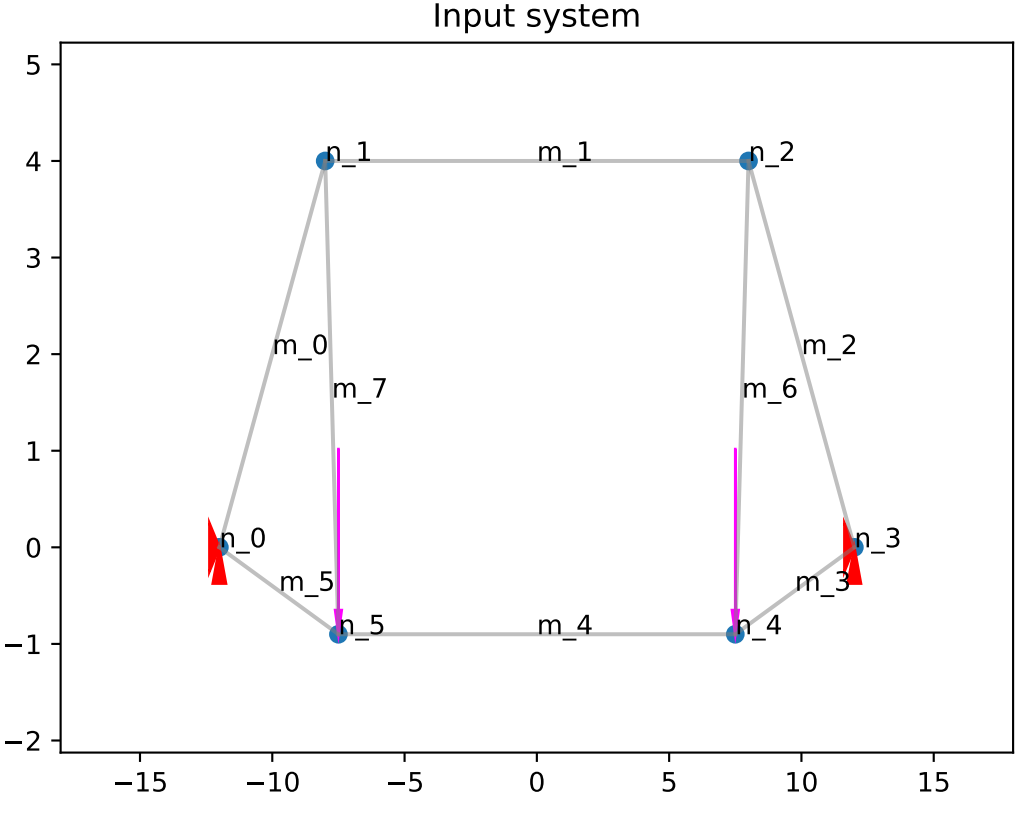
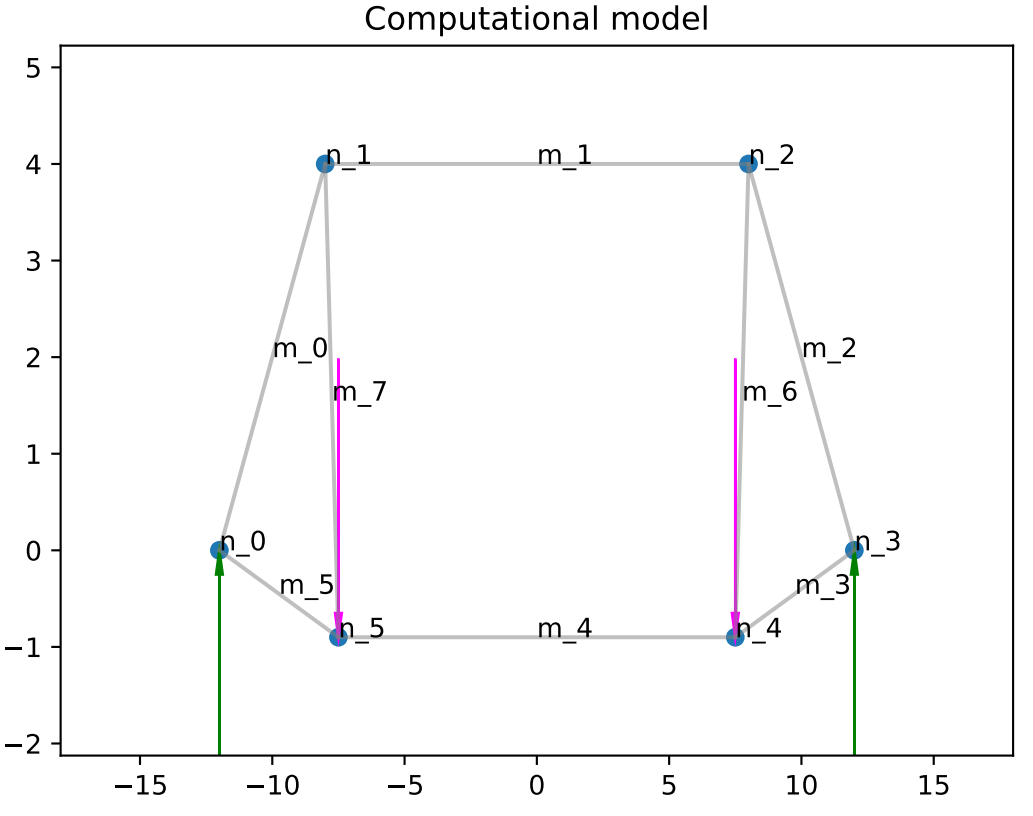
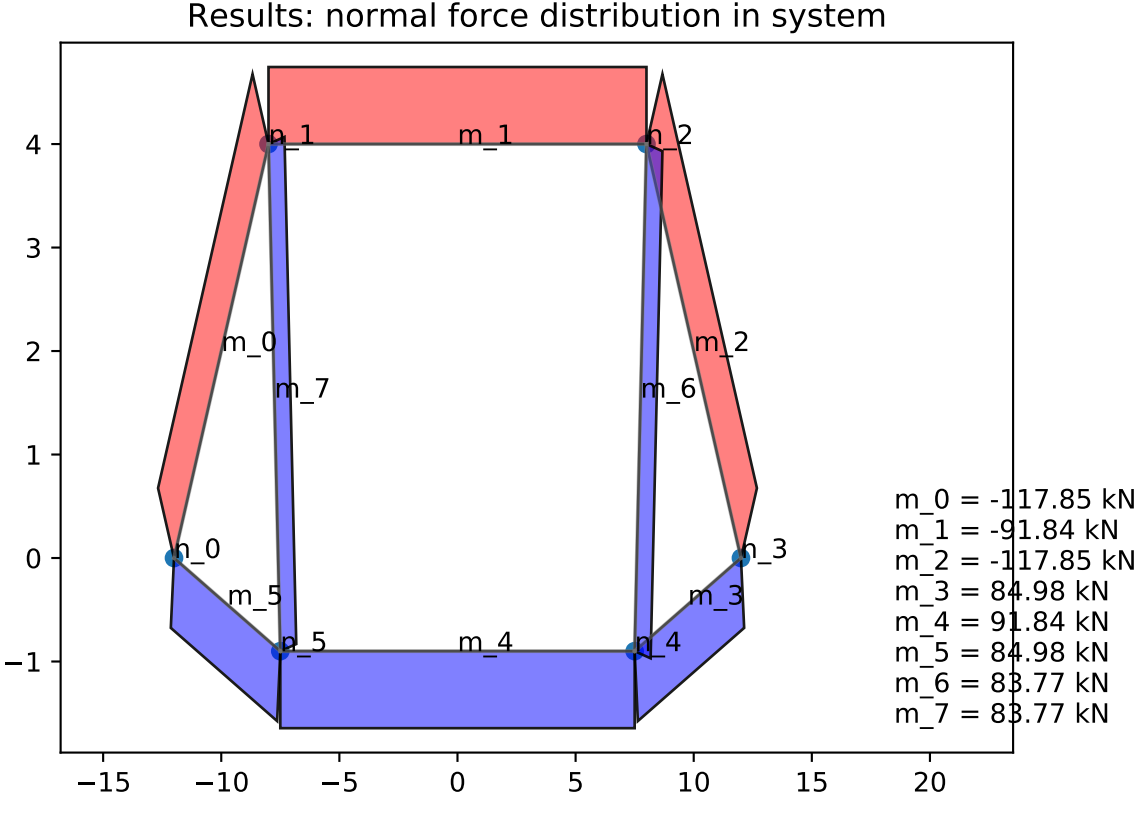
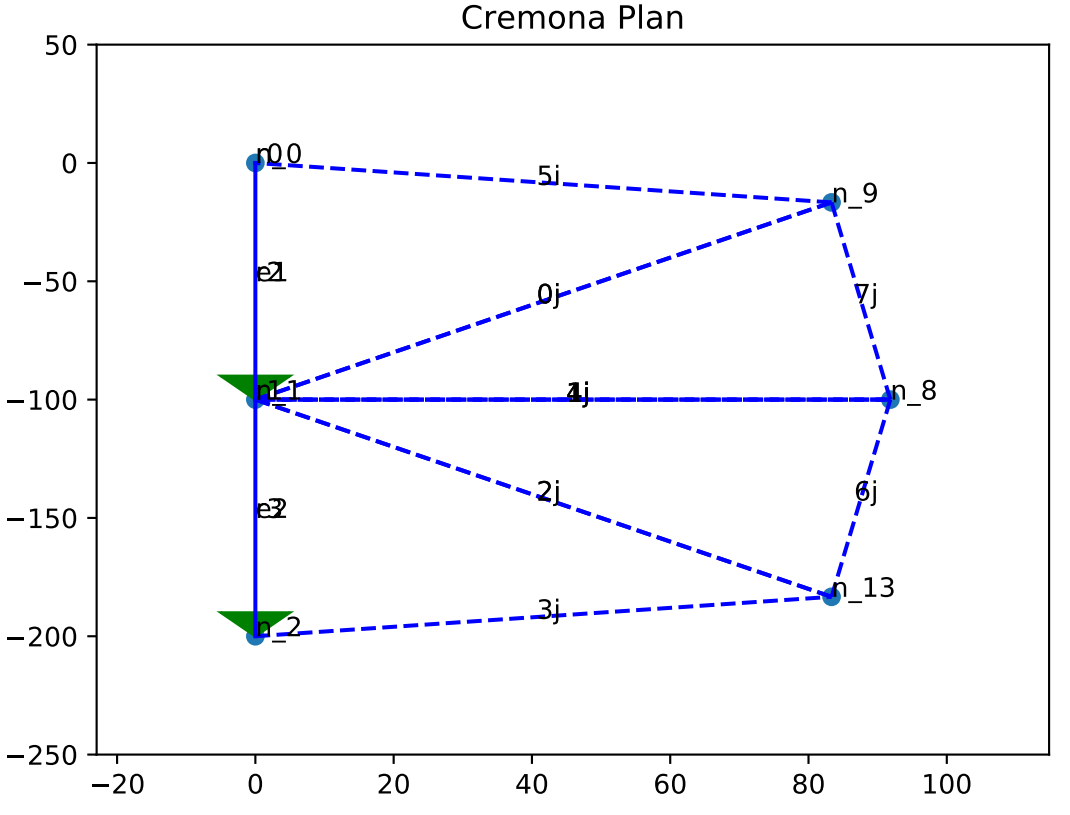
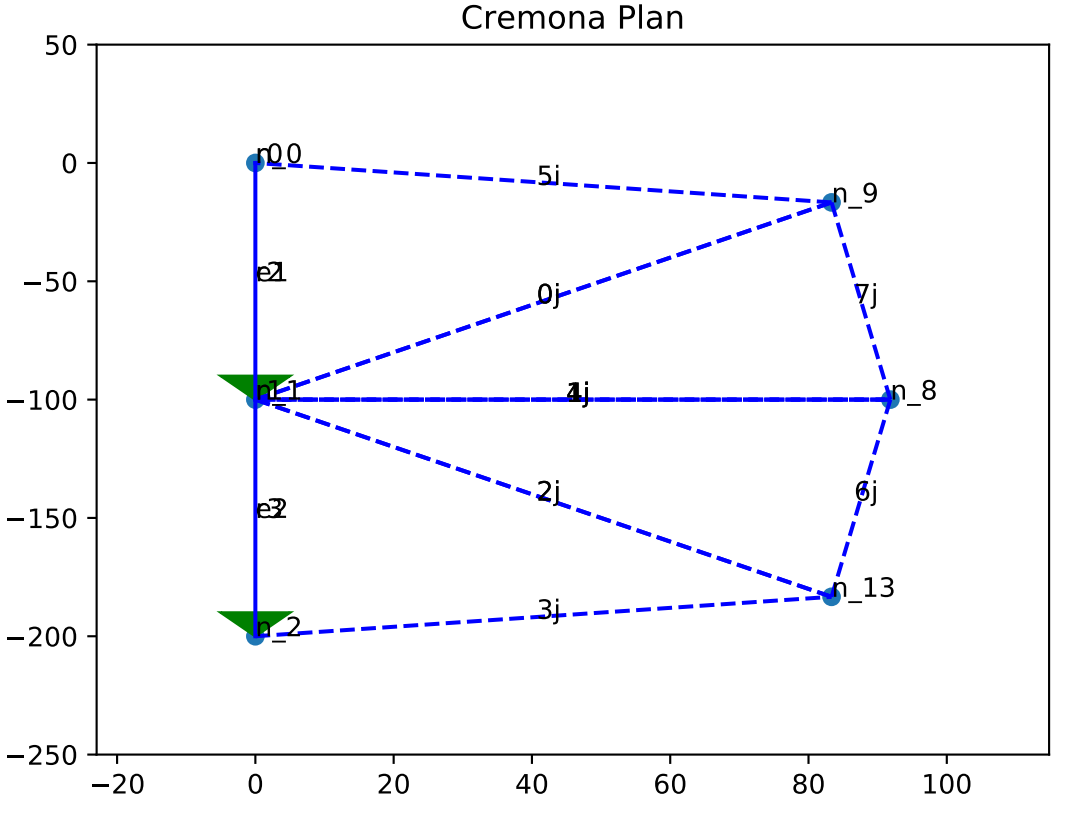
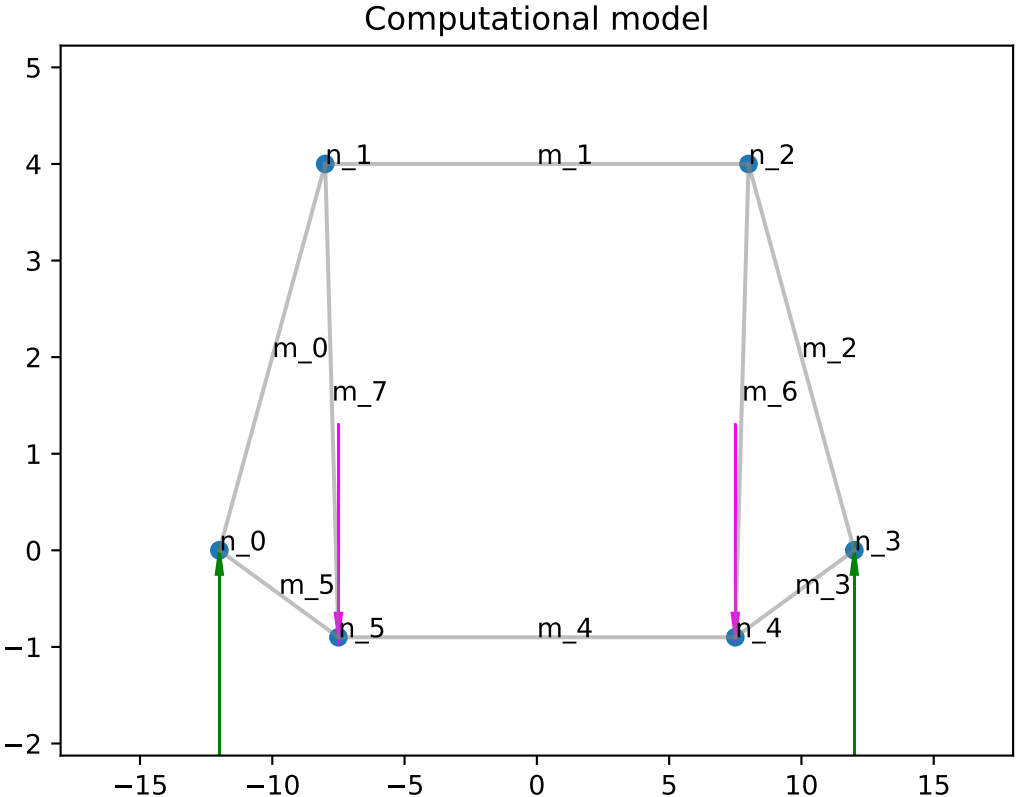

Input system
n_1
m_1
n_2
m_0
m_7
m_6
m_2
n_0
m_5
m_3
n_3
n_5
m_4
n_4
5
4
3
2
1
0
−1
−2
−15
−10
−5
0
5
10
15

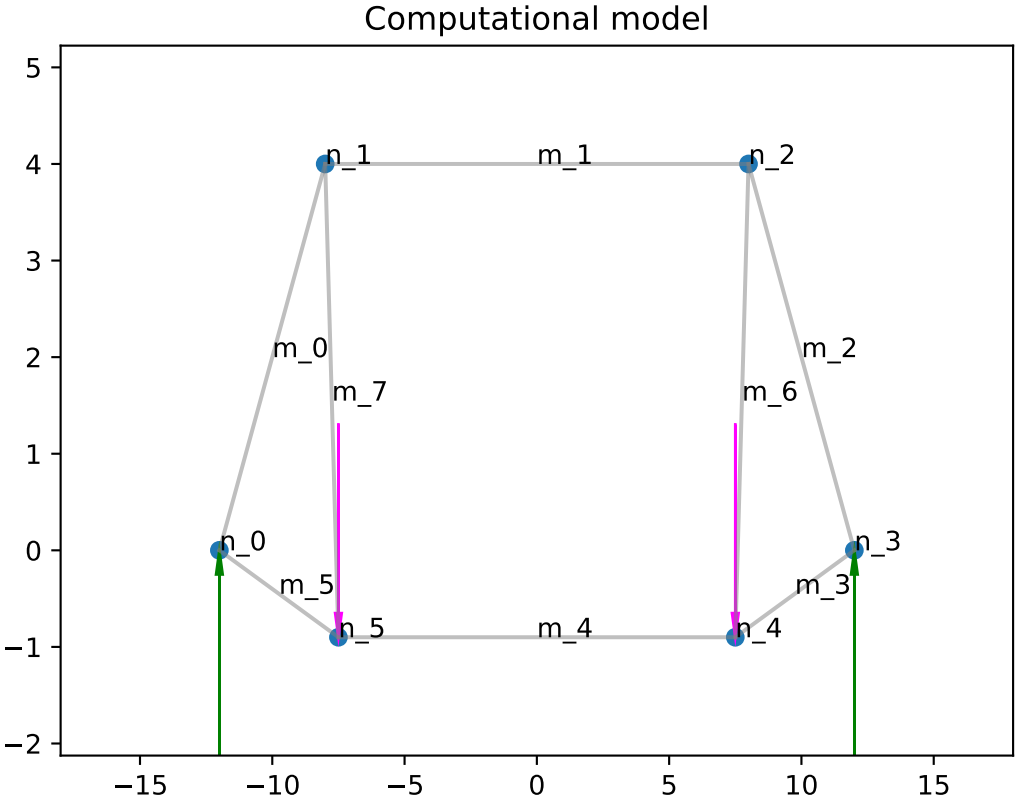

Computational model
n_1
m_1
n_2
m_0
m_2
m_7
m_6
n_0
n_3
m_5
m_3
n_5
m_4
n_4
5
4
3
2
1
0
−1
−2
−15
−10
−5
0
5
10
15


Results: normal force distribution in system
n_1
m_1
n_2
m_0
m_2
m_7
m_6
n_0
n_3
m_5
m_3
n_5
m_4
n_4
m_0 = -117.85 kN
m_1 = -91.84 kN
m_2 = -117.85 kN
m_3 = 84.98 kN
m_4 = 91.84 kN
m_5 = 84.98 kN
m_6 = 83.77 kN
m_7 = 83.77 kN
4
3
2
1
0
−1
−15
−10
−5
0
5
10
15
20


Cremona Plan
50
0
−50
−100
−150
−200
−250
−20
0
20
40
60
80
100
n_0
n_1
n_2
n_8
n_9
n_13
5j
0j
7j
4j
2j
6j
3j


Cremona Plan
50
0
−50
−100
−150
−200
−250
−20
0
20
40
60
80
100
n_0
n_1
n_2
n_8
n_9
n_13
5j
0j
7j
4j
2j
6j
3j


Computational model
n_1
m_1
n_2
m_0
m_2
m_7
m_6
n_0
n_3
m_5
m_3
n_5
m_4
n_4
5
4
3
2
1
0
−1
−2
−15
−10
−5
0
5
10
15


Computational model
n_1
m_1
n_2
m_0
m_2
m_7
m_6
n_0
n_3
m_5
m_3
n_5
m_4
n_4
5
4
3
2
1
0
−1
−2
−15
−10
−5
0
5
10
15