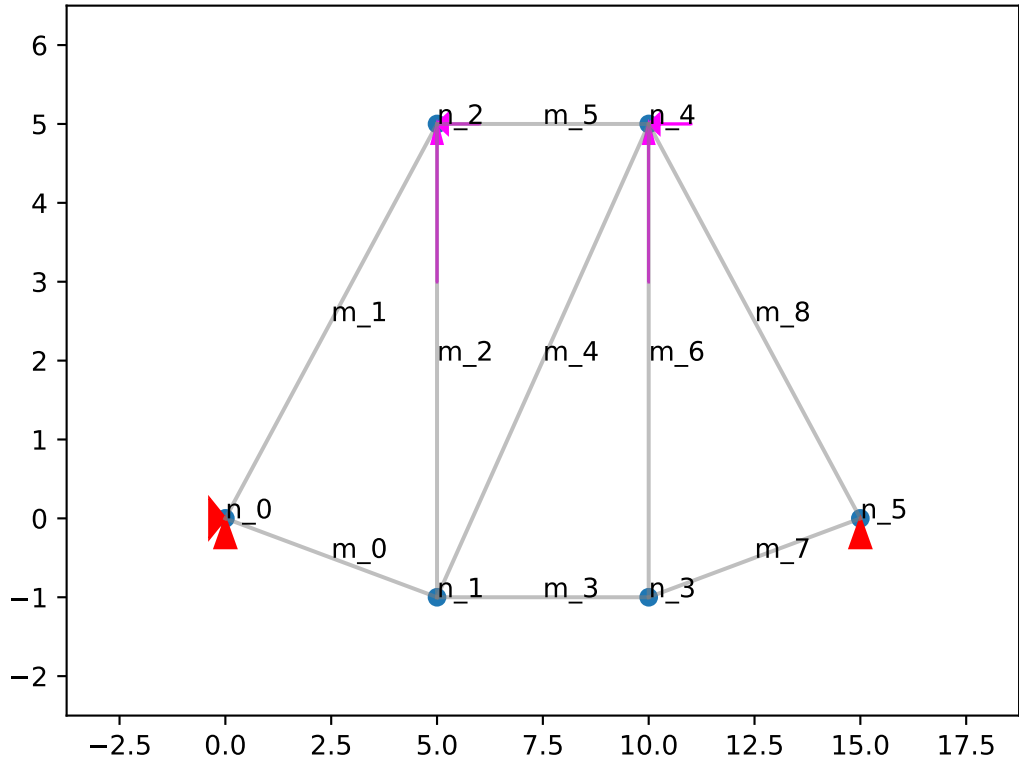
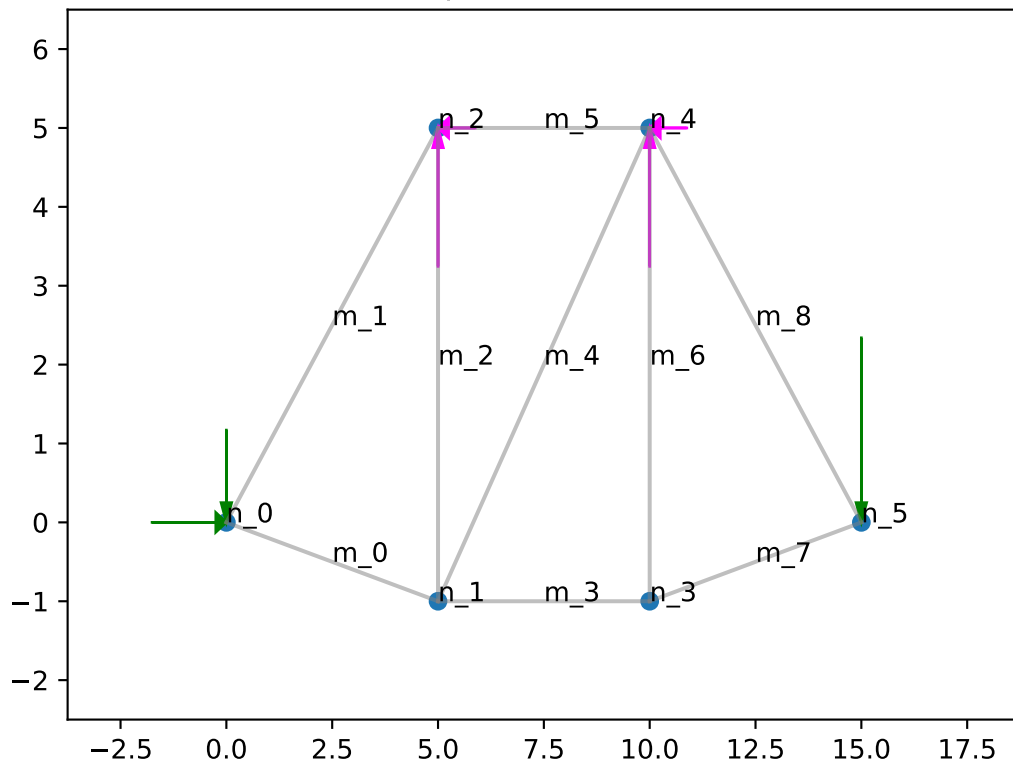


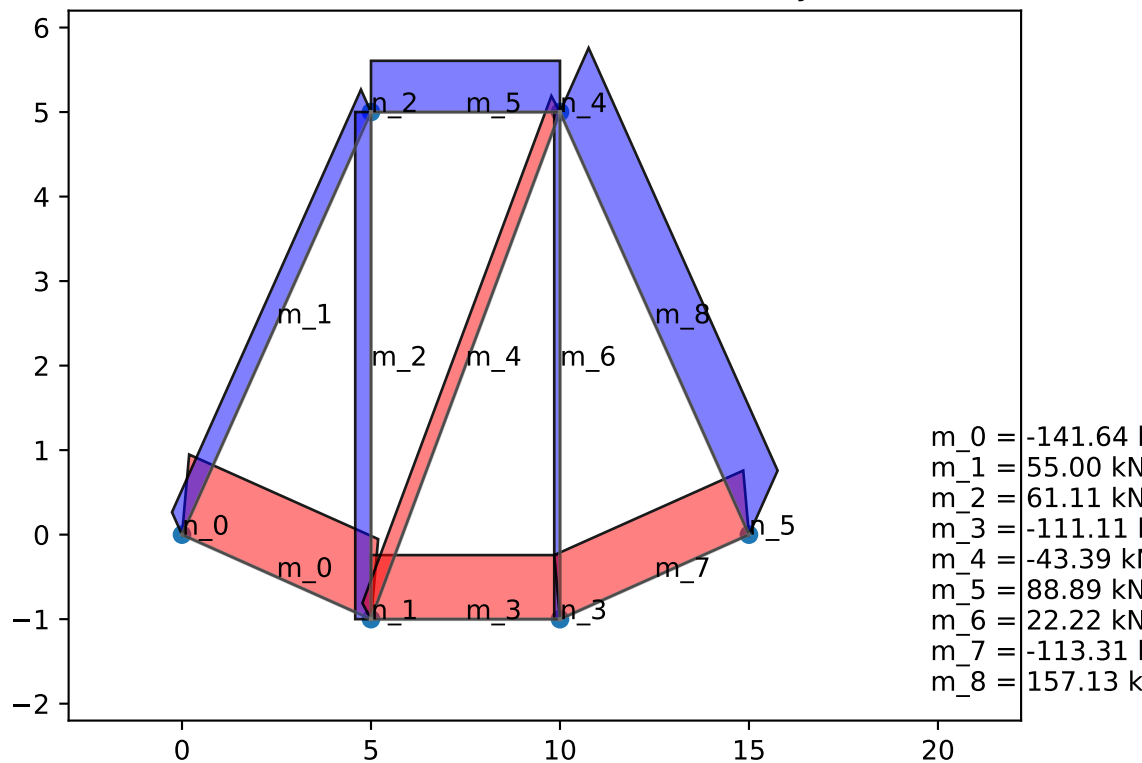
Input system



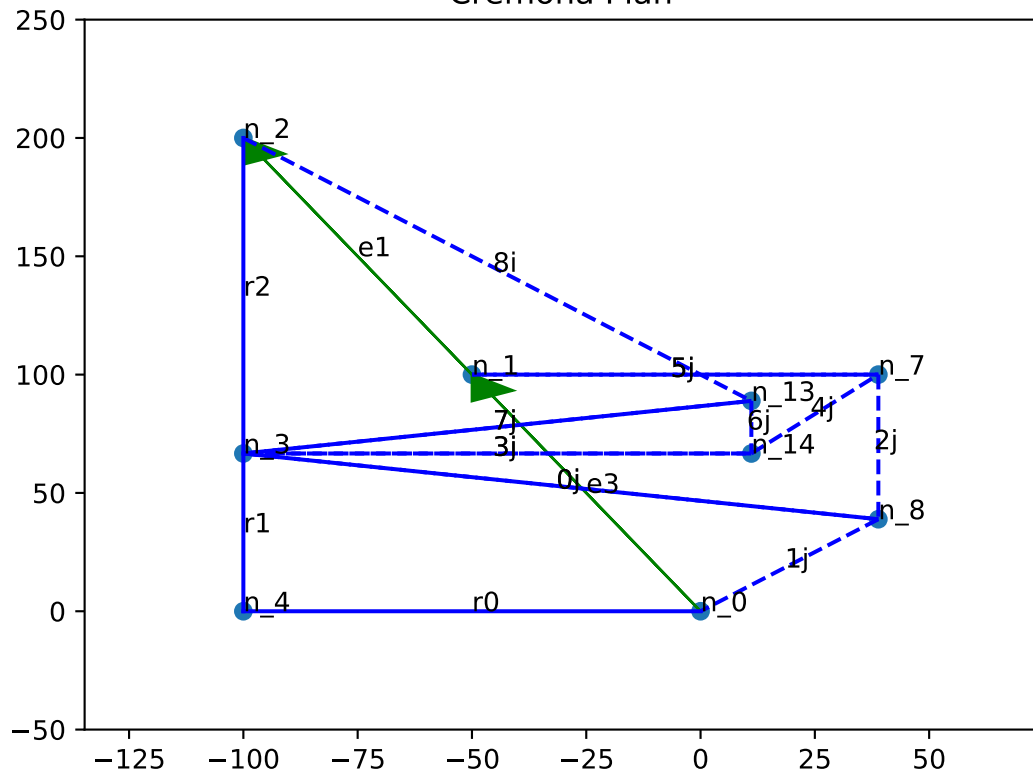
Computational model



# Results: normal force distribution in system



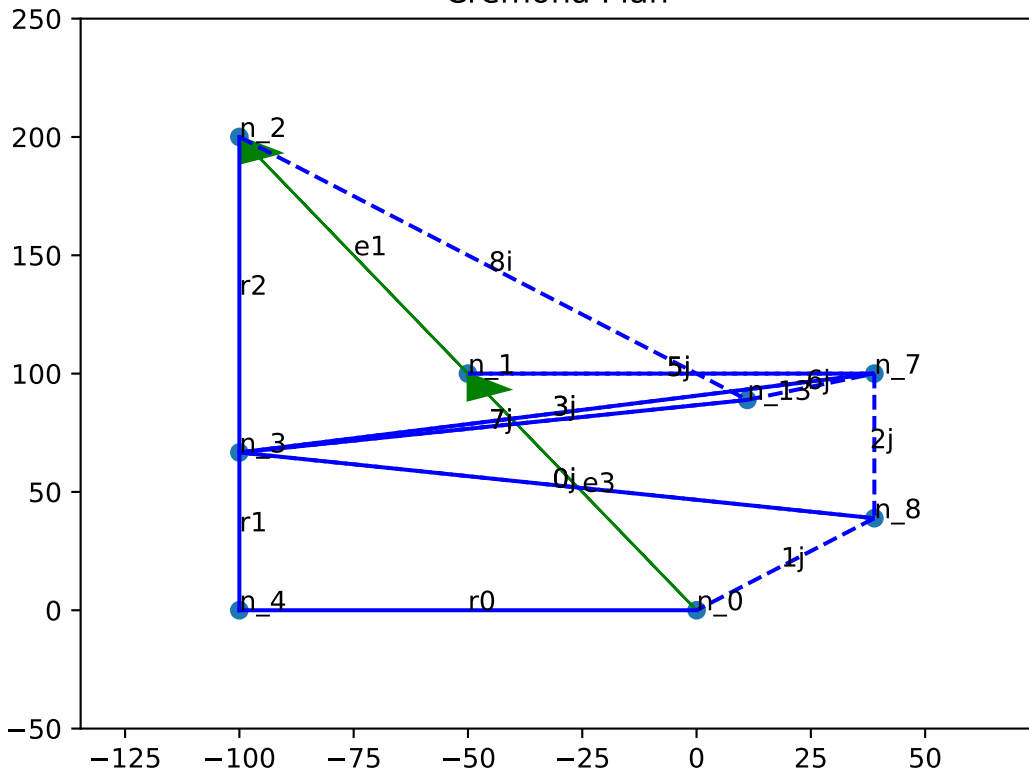
# Cremona Plan



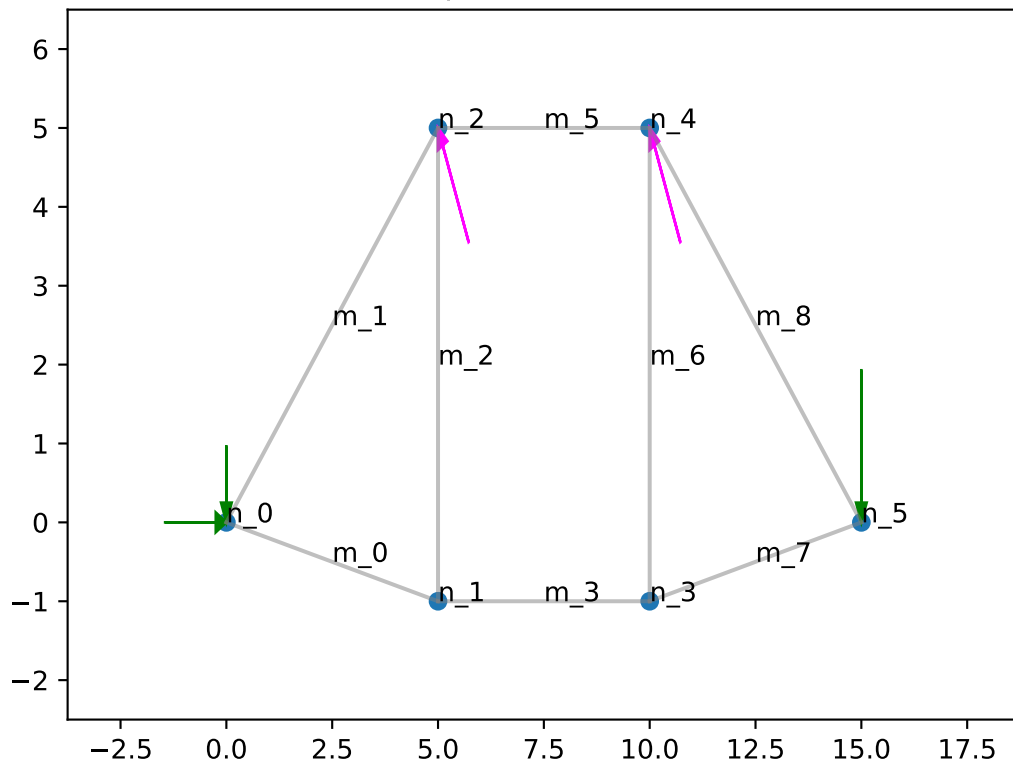
The graph in Figure 1 consists of 9 nodes labeled  $n_0$  through  $n_8$ . The nodes are arranged in a roughly rectangular layout. The edges are labeled as follows:

- $e_0$ : A solid blue line connecting  $n_3$  and  $n_4$ .
- $e_1$ : A solid green line connecting  $n_2$  and  $n_1$ .
- $e_2$ : A solid blue line connecting  $n_1$  and  $n_7$ .
- $e_3$ : A solid blue line connecting  $n_3$  and  $n_8$ .
- $e_4$ : A solid blue line connecting  $n_4$  and  $n_0$ .
- $e_5$ : A solid blue line connecting  $n_1$  and  $n_{13}$ .
- $e_6$ : A solid blue line connecting  $n_7$  and  $n_{13}$ .
- $e_7$ : A solid blue line connecting  $n_3$  and  $n_{13}$ .
- $e_8$ : A dashed blue line connecting  $n_2$  and  $n_{13}$ .
- $e_9$ : A dashed blue line connecting  $n_0$  and  $n_8$ .

The nodes are positioned approximately as follows:  $n_2$  is at the top left,  $n_1$  is below it,  $n_3$  is to the right of  $n_1$ ,  $n_4$  is below  $n_3$ ,  $n_0$  is at the bottom left,  $n_7$  is at the top right,  $n_{13}$  is below  $n_7$ ,  $n_8$  is below  $n_{13}$ , and  $n_1$  is to the left of  $n_7$ .



Computational model



# Computational model

