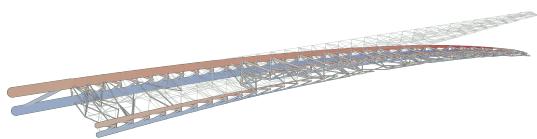
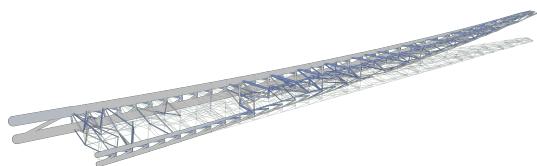
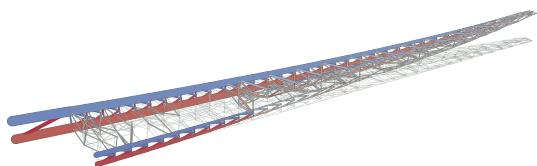


(a)



(b)



(c)

$$-\frac{q sf}{\sigma_c a}$$

0

$$+\frac{q sf}{\sigma_t a}$$

0

$$\frac{q sf}{q_{\text{crit}}}$$