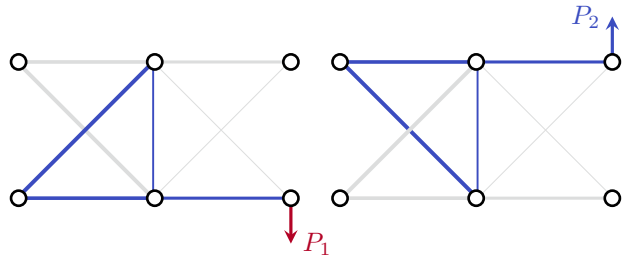


$$-\frac{q}{\sigma_c a}$$

$$0$$

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

(a)



$$0$$

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

(b)