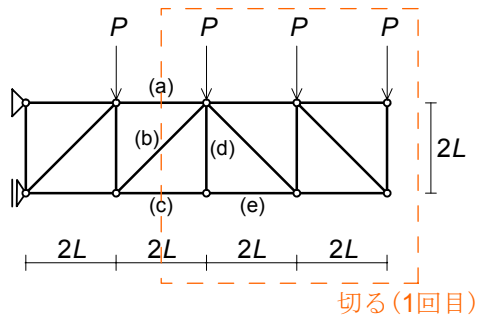
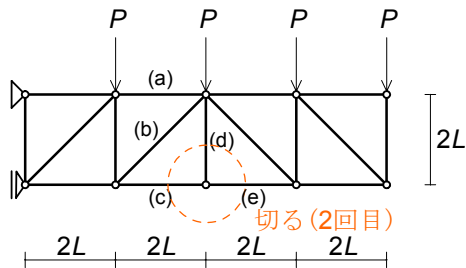
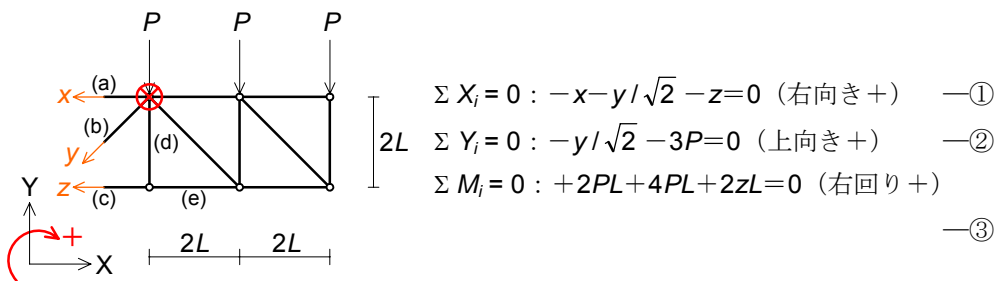


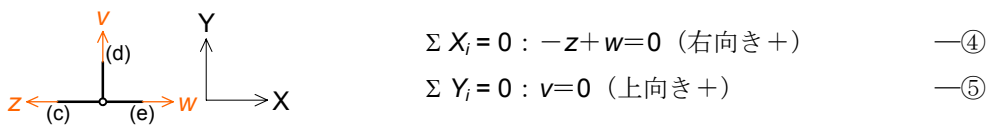
(4)



内のみ考える。



内のみ考える。



①~⑤より

$$x = 6P, \quad y = -3\sqrt{2}P, \quad z = -3P, \quad v = 0, \quad w = -3P$$

よって

$$(a) = 6P, \quad (b) = -3\sqrt{2}P, \quad (c) = -3P, \quad (d) = 0, \quad (e) = -3P$$