

P 3.4.1

$$i_1 = \frac{\frac{1}{6}}{\frac{1}{6} + \frac{1}{3} + \frac{1}{2} + 1} \times 4 = \frac{1}{3} \text{ A}$$

$$i_2 = \frac{\frac{1}{3}}{\frac{1}{6} + \frac{1}{3} + \frac{1}{2} + 1} \times 4 = \frac{2}{3} \text{ A}$$

$$i_3 = \frac{\frac{1}{2}}{\frac{1}{6} + \frac{1}{3} + \frac{1}{2} + 1} \times 4 = 1 \text{ A}$$

$$i_4 = \frac{1}{\frac{1}{6} + \frac{1}{3} + \frac{1}{2} + 1} \times 4 = 2 \text{ A}$$

