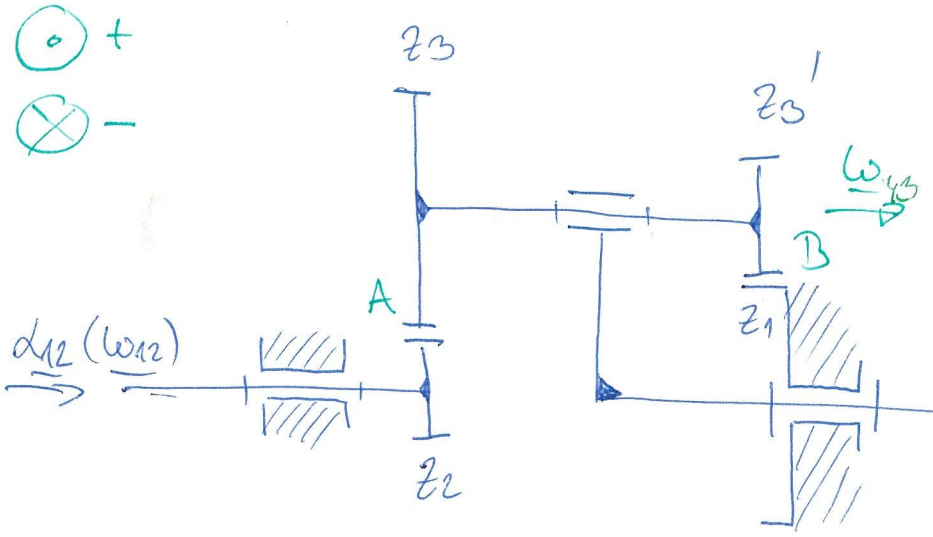
Př. 7.9



D: $\alpha_{12}(\omega_{12})$
z_2, z_3, z_3', z_1
ω_{23}, ω_{13}
U: $\alpha_{14}(\omega_{14})$

A ... P_{23}
B ... P_{13}

$r_2 = z_2 \cdot \omega_{23}$
$r_3 = z_3 \cdot \omega_{23}$
$r_3' = z_3' \omega_{13}$
$r_1 = z_1 \cdot \omega_{13}$

Rozklad

$13 = 12 + 23$
$13 = 14 + 43$

$\nu_{13} = \nu_{12} + \nu_{23}$

Pro $P_{23} \Rightarrow \nu_{13} = \nu_{12}$ $(\nu_{23} = \emptyset)$

Pro $P_{13} \Rightarrow \emptyset = \nu_{14} + \nu_{43}$ $(\nu_{13} = \emptyset)$

A: $\nu_{13} = \nu_{14} + \nu_{43}$
$\downarrow$
$\nu_{12} = \nu_{14} + \nu_{43}$

$\omega_{12} \cdot r_2 = \omega_{14} \cdot r_2 - \omega_{43} \cdot r_3$

$\omega_{12} \cdot r_2 = \omega_{14}\left(r_2 - \frac{r_1 r_3}{r_3'}\right) \Rightarrow$

B: $\emptyset = \nu_{14} + \nu_{43}$

$\emptyset = +\omega_{14} \cdot r_1 - \omega_{43} \cdot r_3'$

$\Rightarrow \omega_{43} = \omega_{14} \cdot \frac{r_1}{r_3'}$

$$\frac{\omega_{14}}{\omega_{12}} = \frac{r_2}{r_2 - \frac{r_1 r_3}{r_3'}} = \frac{1}{1 - \frac{r_1 r_3}{r_2 r_3'}}$$