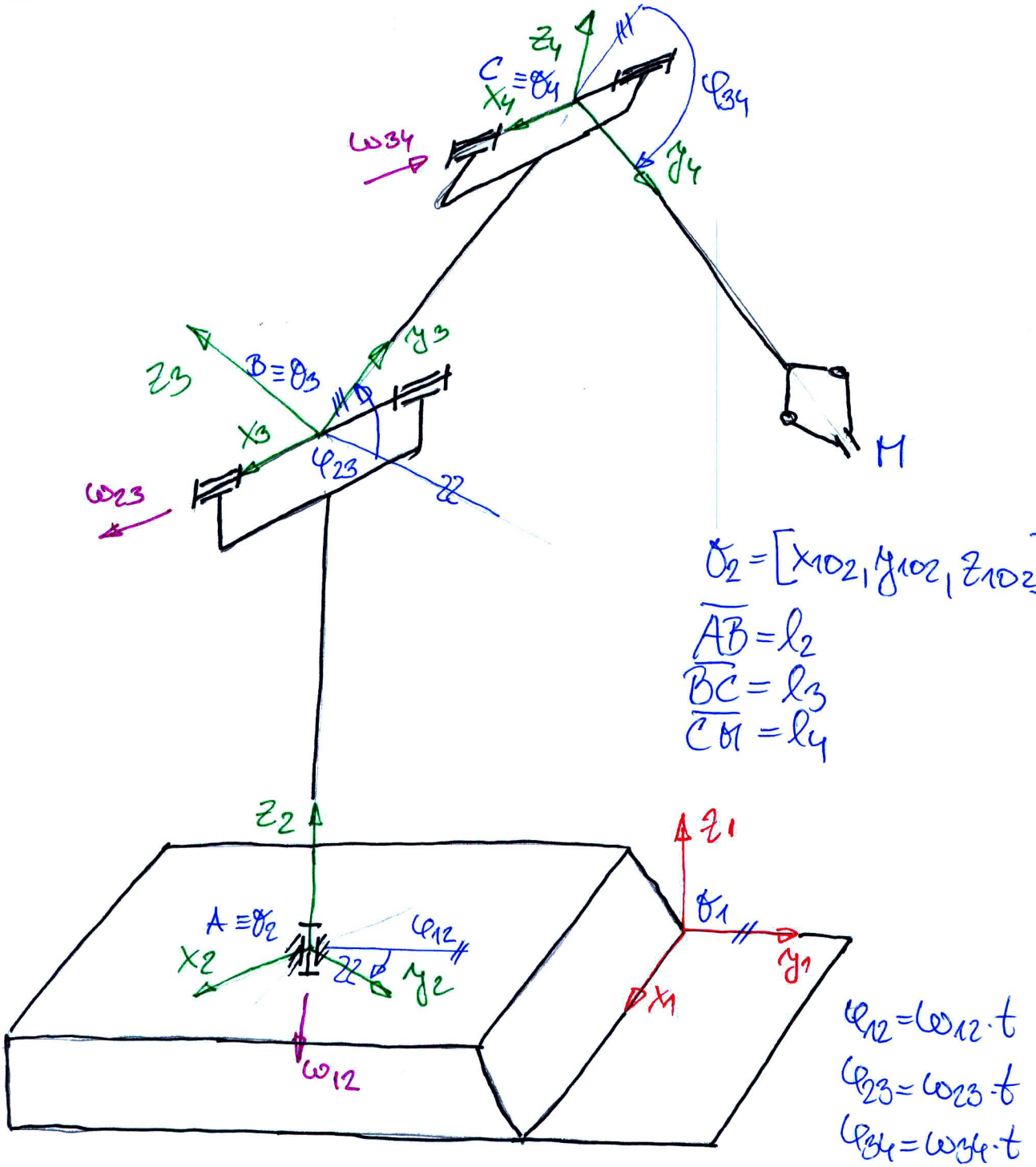

$\theta_2 = [x_{102}, y_{102}, z_{102}]$

$\overline{AB} = l_2$

$\overline{BC} = l_3$

$\overline{C\,M} = l_4$

$\varphi_{12} = \omega_{12} \cdot t$

$\varphi_{23} = \omega_{23} \cdot t$

$\varphi_{34} = \omega_{34} \cdot t$

$$r_{1M} = T_{14}\, r_{4M}$$

$$T_{14} = T_{12}\, T_{23}\, T_{34}$$

se skrčeností zápisu hodnota !

$$T_{12} = T_x(x_{102})\, T_y(y_{102})\, T_z(z_{102})\, T_{\varphi_z}(-\varphi_{12})$$

$$T_{23} = T_z(l_2)\, T_{\varphi_x}(\varphi_{23})$$

$$T_{34} = T_y(l_3)\, T_{\varphi_x}(-\varphi_{34})$$

$$r_{4M} = \begin{bmatrix} 0 \\ l_4 \\ 0 \\ 1 \end{bmatrix}$$