

$$\begin{cases} X = [x, y, z] = A + t\vec{u} + s\vec{v} \\ \rho \colon x = a_1 + tu_1 + sv_1 \\ y = a_2 + tu_2 + sv_2 \\ z = a_3 + tu_3 + sv_3, \quad t, s \in \mathbb{R} \end{cases}$$

$$\begin{cases} \vec{n} \cdot (X - A) = 0, & \vec{n} \perp \rho \\ \vec{n} \dots \text{normálový vektor roviny} \\ \vec{n} = (a, b, c), & X = [x, y, z] \end{cases}$$
$$\rho \colon ax + by + cz + d = 0$$