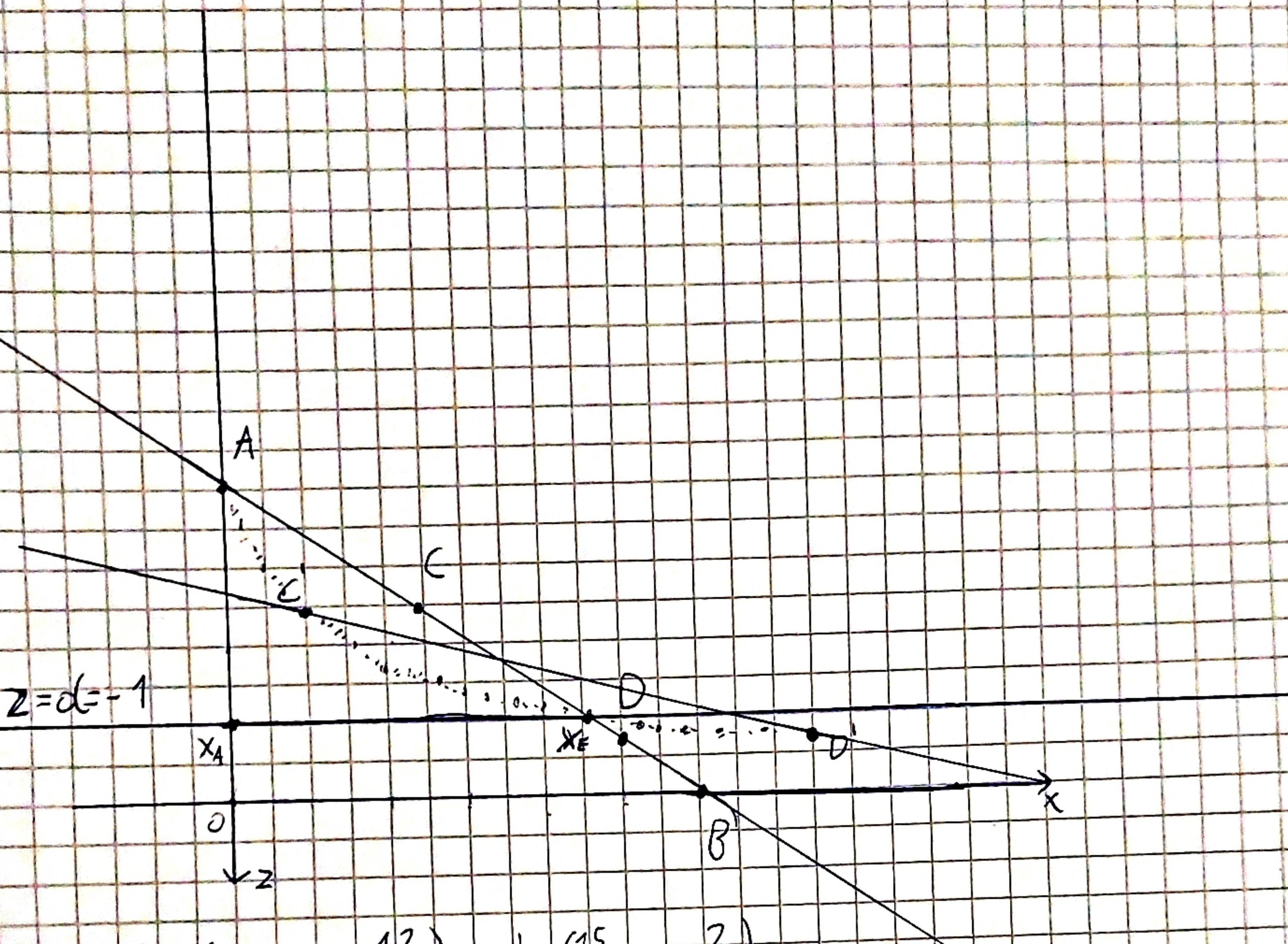


$$A = (0, 0, -4), B = (6, 0, 0) \Rightarrow C = \left(\frac{12}{5}, 0, -\frac{12}{5}\right), D = \left(9, 0, -\frac{2}{3}\right)$$



$$C' = \left(1, 0, -\frac{12}{5}\right), D' = \left(\frac{15}{2}, 0, -\frac{2}{3}\right)$$

$\exists t_1, t_2 \text{ f.d. } A + t_1 B = C' + t_2 D'$  - pravci se sjeku

$$t_1 B - t_2 D = C' - A$$

$$t_1 (6, 0, 0) - t_2 \left(\frac{15}{2}, 0, -\frac{2}{3}\right) = \left(1, 0, -\frac{12}{5}\right)$$

$$6t_1 - \frac{15}{2}t_2 = 1$$

$$\frac{2}{3}t_2 = \frac{8}{5} \quad | : \frac{3}{2}$$

$$t_2 = \frac{12}{5}$$

$$\underline{6t_1 - \frac{15}{2} \cdot \frac{12}{5} = 1}$$

$$6t_1 = 19 \quad | : 6$$

$$t_1 = \frac{19}{6}$$

$$A + \frac{19}{6}B = C' + \frac{12}{5}D \Rightarrow \text{pravci se sjeku}$$

$\Rightarrow$  nisu horizontali

b)  $\overline{x_A x_B}$  - projekcija  $\overline{AB}$  na  $z = -1$