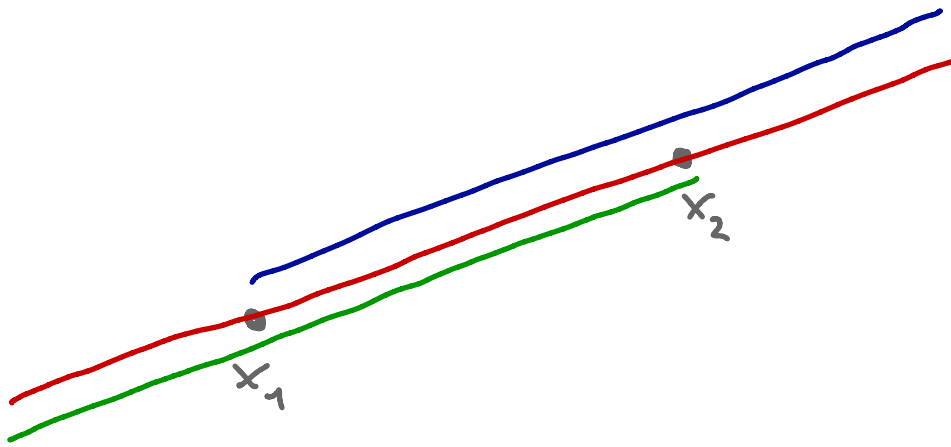


EMO 17.10.16



$$\{\lambda_1 x_1 + \lambda_2 x_2 : \lambda_1 + \lambda_2 = 1, \lambda_1, \lambda_2 \in \mathbb{R}\}$$



$$\lambda_1 \geq 0$$

$$\lambda_2 \geq 0$$

$$\{\underbrace{\lambda_1 x_1 + (1 - \lambda_1) x_2}_{x_2 + \lambda_1 (x_1 - x_2)} : \lambda_1 \geq 0\}$$

$$x_2 + \lambda_1 (x_1 - x_2)$$