60 2 Convex sets

What is the distance between two parallel hyperplanes $\{x \in \mathbf{R}^n \mid a^T x = b_1\}$ and $\{x \in \mathbf{R}^n \mid a^T x = b_2\}$?

$$\frac{\partial \vec{x} - b_1 = 0}{\partial \vec{x} - b_2 = 0}$$

$$\frac{\partial \vec{x} - b_1 = 0}{\partial \vec{x} - b_2 = 0}$$

$$\frac{\partial \vec{x} - b_2 = 0}{\partial \vec{x} - b_2 = 0}$$

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