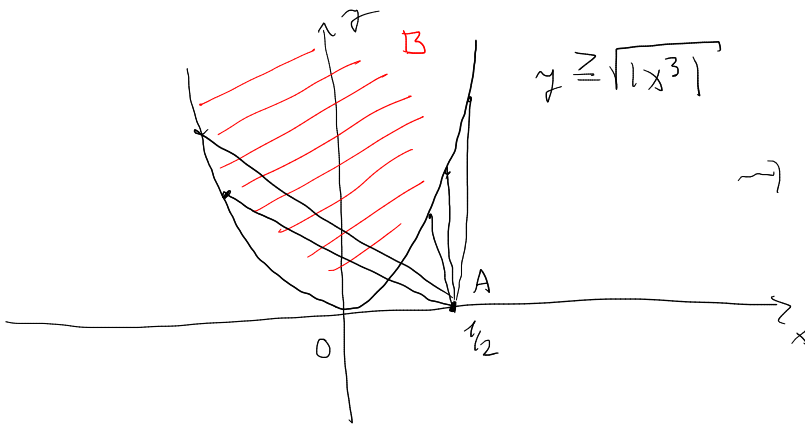


$$S([x_1, x_2], [y_1, y_2]) = \sqrt{x_1^2 + x_2^2} + \sqrt{y_1^2 + y_2^2}$$

$$S([x_1, x_2], [t_1, t_2]) = \sqrt{(x_1 - t_1)^2 + (x_2 - t_2)^2}$$



$$y \geq \sqrt{|x^3|}$$

$$\rightarrow S(A, B) = \min_{x \in \mathbb{R}} f(x)$$