Fig. 1. A plane wave from a single source is observed with a specific delay at both receivers. The delay difference is used to estimate the distance between the receivers.

\[ d = \Delta \tau c_0 = d \cos(\alpha) \]

Fig. 2. Cumulative distribution function of \( \hat{d} \) for \( d = 1 \), assuming a uniform distribution of the direction of the impinging wave. In 50\% of the cases the estimation error is less than 30\%. 

\[ P(\hat{d} < \text{abscissa}) \]

\[ 0 \quad 0.2 \quad 0.4 \quad 0.6 \quad 0.8 \quad 1 \]

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