mmWave became a promising solution for 5G. ADoA (Angle Difference of Arrival) is derived from the beam-training.

We want to create a zero-knowledge location and environment mapping algorithm.

Yields to a formulation depending on 2 sets of variables \( \{x_i\} \), the set of Anchors locations and \( \{v_i(t)\} \), the set of transformed user locations. If any set is known, the other set can be derived. This formulation is used to create an iterative refinement algorithm.