



Figure 1: A demonstration of the embedding giving rise to the pseduo-metric: All points for which $\delta_i(x) = \text{false}$ are mapped to the same point. Points for which $\delta_i(x) = \text{true}$ are mapped to a semicircle. This embedding gives a constant distance between pairs of points which have differing values of δ . The parameter ρ determines how much distance there is along the arc.