Isometric Registration of Ambiguous and Partial Data

Supplementary Material
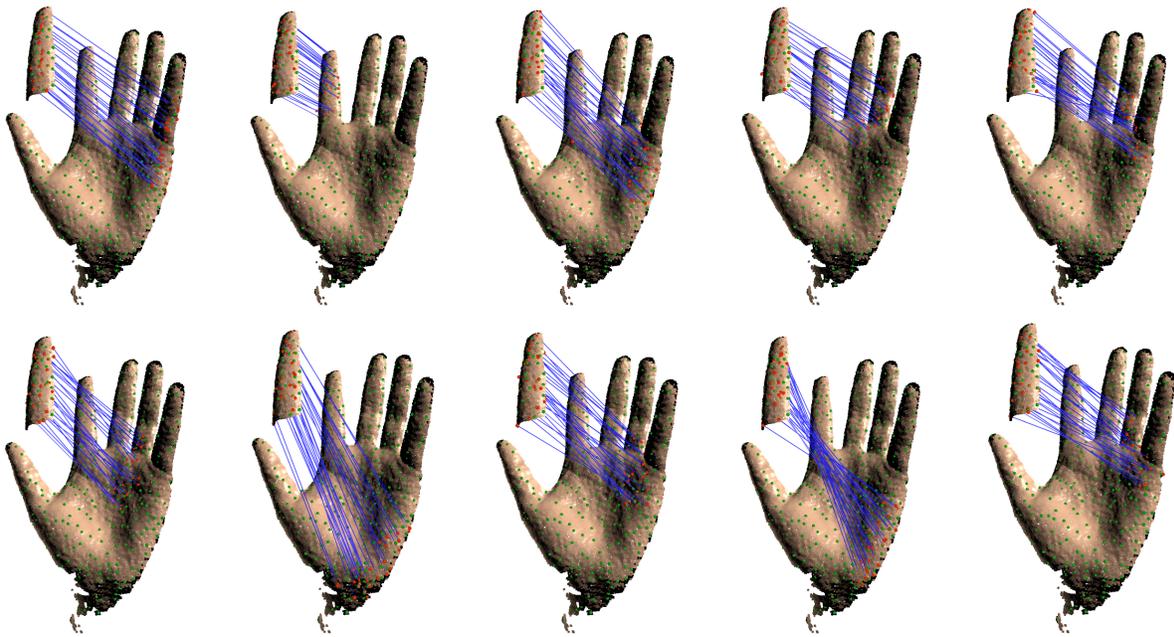
Figure 1. First 10 solutions of a finger-hand matching. Because of its almost flat surface and not all the fine details (finger prints, palm lines) presented in the scanned data set, our algorithm matches the finger to different position inside of the palm.
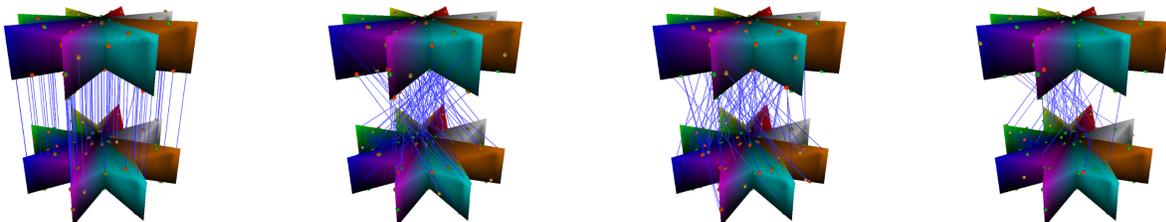

Figure 2. 4 Solution of matching Star data set. Star is a highly symmetric object, so that our algorithm is capable of finding all the ambiguous solutions. All the solution have a low error in respect to geodesics. They represent a subset of all possible combinations of matchings in this data set.