

1114-62-317

**Guangliang Chen\*** ([guangliang.chen@sjsu.edu](mailto:guangliang.chen@sjsu.edu)), San Jose, CA 95192. *On subspace clustering: An algorithm and its probabilistic analysis.*

Subspace clustering refers to the problem of segmenting a given data set into a union of subspaces. This has been a hot topic during the past decade, with lots of algorithms developed in the literature and many successful applications in computer vision, pattern recognition, and image processing. In this talk, we introduce our algorithm and present some results (theoretical and experimental) about its stochastic performance. (Received August 31, 2015)