

1154-15-2300      **Dustin G. Mixon\*** ([mixon.23@osu.edu](mailto:mixon.23@osu.edu)). *Matching component analysis for transfer learning.*

We introduce a new Procrustes-type method called matching component analysis to isolate components in data for transfer learning. Our theoretical results describe the sample complexity of this method, and we demonstrate through numerical experiments that our approach is indeed well suited for transfer learning. (Joint work with Charles Clum and Theresa Scarnati.) (Received September 17, 2019)