

# (Non-linear) dimensionality reduction

---

**Jiří Kléma**

Department of Computers,  
Czech Technical University in Prague



<http://cw.felk.cvut.cz/wiki/courses/a4m33sad/start>































































## Recommended reading, lecture resources

---

### :: Reading

- Jonathon Shlens: **A Tutorial on Principal Component Analysis.**
  - Google research, 2014,
  - <http://arxiv.org/pdf/1404.1100.pdf>,
- Scholkopf, Smola, Müller: **Kernel Principal Component Analysis.**
  - Artificial Neural Networks, 1997,
  - <http://link.springer.com/chapter/10.1007/BFb0020217>,
- Carreira-Perpinan: **A Review of Dimension Reduction Techniques.**
  - Tech. report, University of Sheffield, 1997,
  - <http://www.pca.narod.ru/DimensionReductionBrifReview.pdf>.

