

Advanced machine learning and data analysis for the physical sciences

Morten Hjorth-Jensen^{1,2}

¹Department of Physics and Center for Computing in Science Education, University of Oslo, Norway

²Department of Physics and Astronomy and Facility for Rare Isotope Beams, Michigan State University, East Lansing, Michigan, USA

April 23, 2024

Plans for the week April 22-26, 2024

Deep generative models.

1. Variational Autoencoders (VAE)
2. GANs
3. Reading recommendation: Goodfellow et al chapter 20.10-20-14