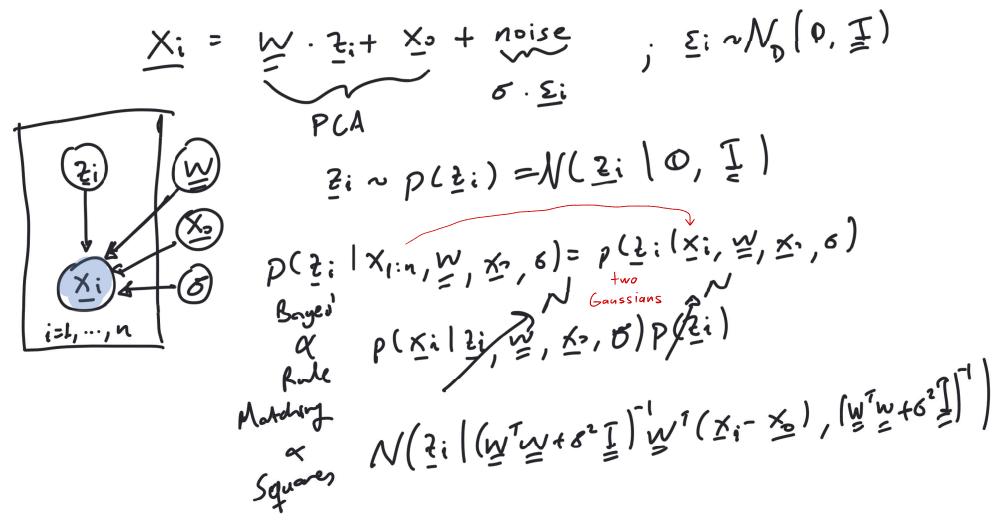
Lecture 18: Dimensionality Reduction

Professor Ilias Bilionis

Probabilistic principal component analysis



Probabilistic interpretation





Maximum likelihood solution

