

* HAMILTONIAN MCMC → THEORY, PRACTICE

* HIERARCHICAL MODELS

* INFORMATION THEORY → THEORY

* EM - ALGORITHM → USING IT IN PRACTICE

* VARIATIONAL BAYES → THEORY
→ USE IN PRACTICE ???

* (SLICE SAMPLING) → SKILL

* GRAPHICAL MODELS (d-SEPARATION; MARKOV NETWORK)

* BAYESIAN MODEL CHOICE (HOW TO USE IT)