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1. Pourquoi Monte-Carlo ? (Exemple de modèle hiérarchique)
2. Introduction à la méthode Monte-Carlo (historique, PRNG)
3. Algorithmes de simulation i.i.d (PRNG, transformation, rejet)
4. Méthodes MCMC (Gibbs, Metropolis)
5. Diagnostics de convergence MCMC
6. Méthodes MCMC avancées (Langevin, HMC, NUTS)

