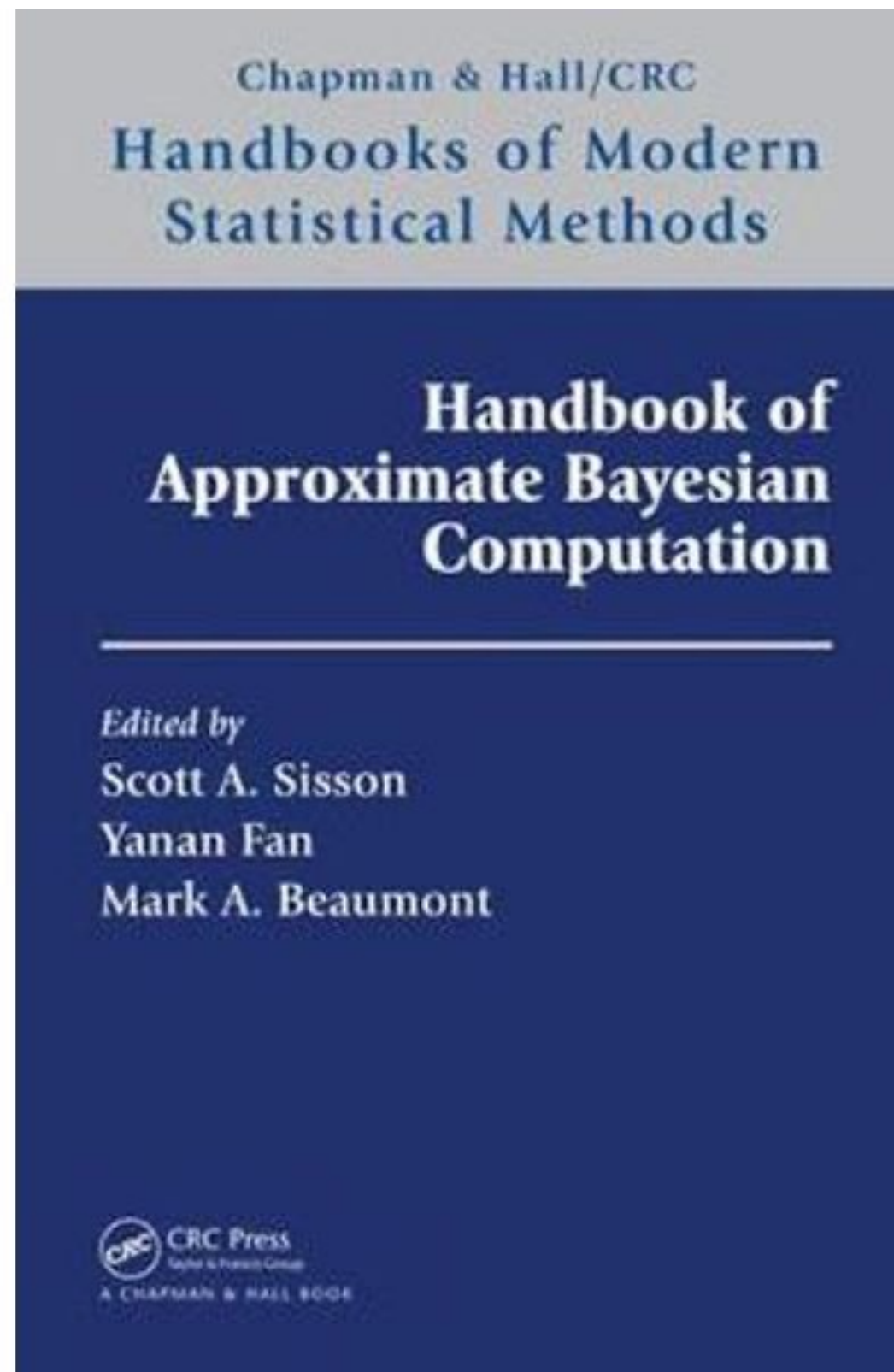


Reference

- For those who want to read more



Surrogate models

- Alternative approach to likelihood-free inference is to construct surrogate models for various parts of the system
- Synthetic likelihood is one of the first surrogate methods
- At θ approximate $p(x \mid \theta) \approx \text{Normal}(x \mid \hat{\mu}_N(\theta), \hat{\Sigma}_N(\theta))$ with an sample of size N drawn from the model

