Class Review (11/03/2021)

1. State the varying truncation SAMCMC algorithm for the exponential random graph model.

2. Explain how the varying truncation SAMCMC algorithm can avoid the model degeneracy problem.

3. Explain what the trajectory averaging estimator is.

4. Explain the temporal exponential random graph model and its weakness.

5. Explain the concept of incidences and duration of ties in network dynamics.

6. State the assumption of separate temporal exponential random graph model.

7. State the form of likelihood function of separate temporal exponential random graph model and parameter interpretation.