

Graph Machine Learning Final Exam Study Guide 2/15/2023

Comprehensive exam with emphasis on the last half of the course.

- Graph Neural Networks
 - a. Expressiveness for generating high quality node embeddings: node, edge, and graph.
 - b. Permutation invariance, permutation equivariance.
 - c. Message passing, aggregation, and update operations.
 - d. Graph Neural Network (GNN), Graph Convolutional Networks (GCN), GraphSage
- Graph Relational Networks
- Graph Attention Networks
- Generative Graph Models
- Temporal Graph Models