

Quantum Computing & Machine Learning

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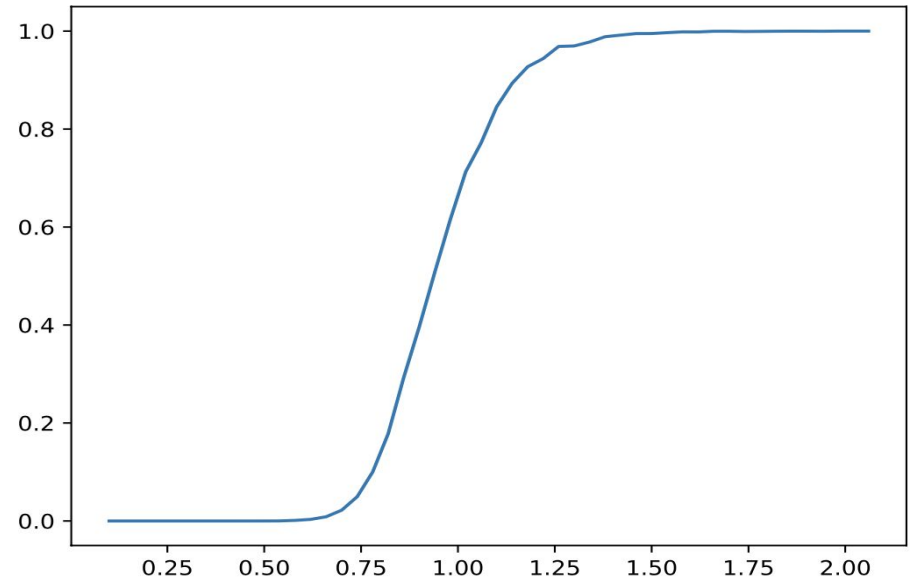
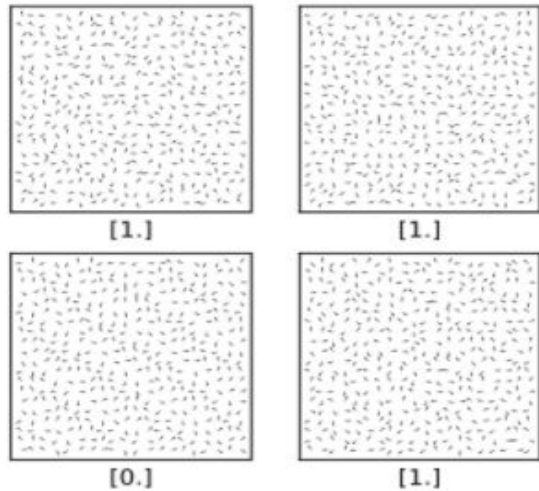


Quantum
Information
Science
at Dartmouth



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- Create the neural network
- Classified by temperature (high/low)
- Monte Carlo Algorithm
- Simulation passes/fails



Conclusions & Next Directions

- Playing with pytorch functionality
- Generating more graphs
 - different temperatures and simulations
 - evaluate the accuracy of the algorithm once more data is generated.
- Better understanding of quantum machine learning
- Use of superconductors