

CME250Q (Autumn 2019) — Lecture 3

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1 Kochen-Specker Theorem

The proof of the Kochen-Specker theorem that I did not cover in detail in the class can be found here: <https://arxiv.org/pdf/1708.01380.pdf>

2 Create an IBM Q-Experience account

Please create an IBM Q-Experience account using your email here: <https://www.ibm.com/quantum-computing/technology/experience/?lnk=hm>. This will allow you to run some simple circuits on real hardware, and get a sense of how good/bad the current quantum computers are.

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