

CME250Q (Autumn 2019) — Lecture 1

Rahul Sarkar*

Oct 2, 2019

1 Links to interesting material

1.1 Scott Aaronson's blog

<https://www.scottaaronson.com/blog/>

1.2 Peter Sarnak's lectures on “Golden Gates”

The following talks are on the same topic — some are more “all over the place” than others. There are interesting connections between quantum computing and Ramanujan conjecture, which is alluded to in these talks!

Stanford talk: <https://www.youtube.com/watch?v=16t-8vbA-N4>

Simon's institute talk: <https://www.youtube.com/watch?v=EHvKM9AluuQ>

IQC talk: <https://www.youtube.com/watch?v=oeBFehkUapg>

*Institute for Computational and Mathematical Engineering, Stanford University, Stanford, CA, USA