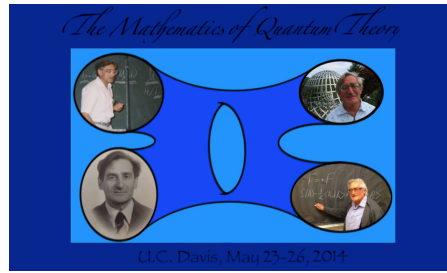


## The Mathematics of Quantum Theory



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## AGT and Triality

*Saturday 24 May 2014 10:30 (45 minutes)*

The AGT correspondence relates a class of gauge theories in four dimensions with two dimensional CFT's. I will describe a simple proof of the correspondence when the CFT admits a free field representation. In those cases, vortex defects of the gauge theory play a crucial role, extending the correspondence to a triality.

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