$\mathbf{QNC}_1 \subset$ noisy-**BQP**

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1 The Noise Model

2 Fault Tolerance (With Resets gates) at Linear Depth.

Claim 2.1. *There is $p_{th} \in (0,1)$ such that if $p < p_{th}$ then any quantum circuit C with depth D and width W can be computed by p-noisy, resets allowed, circuit C', with a depth at most $\max\{D, \log(WD)\}$.*