QuEST benchmark for RQC algortihm (over nodes) Oubits n = 16Qubits n = 20Qubits n = 16Oubits n = 20depth d = 20depth d = 20depth d = 40depth d = 40200 750 time [s] time [s] 40 -<u>S</u> 5000 -500 time 100 250 35 124816 124816 1 2 4 8 1 6 4 number of nodes number of nodes number of node Oubits n = 16Oubits n = 20Oubits n = 25Oubits n = 30depth d = 60depth d = 60depth d = 20depth d = 20100 3000 time [s] <u>s</u> 200 100000 time [s] 2000 time time 50 50000 100 1000 1 2 4 8 1 6 1 2 4 8 1 6 1 2 4 816 1 2 4 8 1 6 number of nodes number of nodes number of node number of nodes Oubits n = 25Oubits n = 30Oubits n = 25Oubits n = 30depth d = 60depth d = 40depth d = 40depth d = 60200000 7500 time [s] 5000 time [s] 200000 5000 time 2500 -100000 -100000 2500 1 2 4 816 124816 124816 1 2 4 816 number of nodes number of nodes number of nodes number of node