

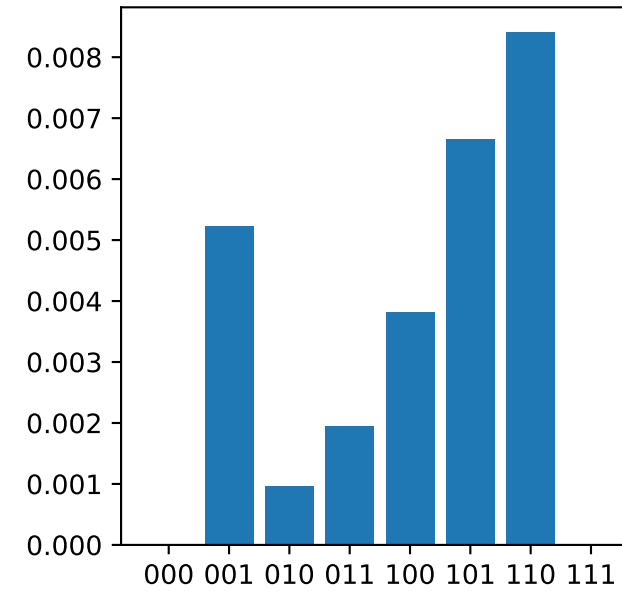
Computation Results of a Varitional Quantum Eigensolver on Ramsey Numbers

$R(3,3) \leq 3$ Info

Graph Order: 3
 Clique Order: 3
 ISet Order: 3
 Number of trials: 22

Numpy Computed Mean Energy: 0.00
VQE Computed Mean Energy: -0.00
 Δ Energy: 0.00
Most likely state: 110
Most likely state probability: 8.4E-03

R(3,3) ?< 3 Statevector Distribution

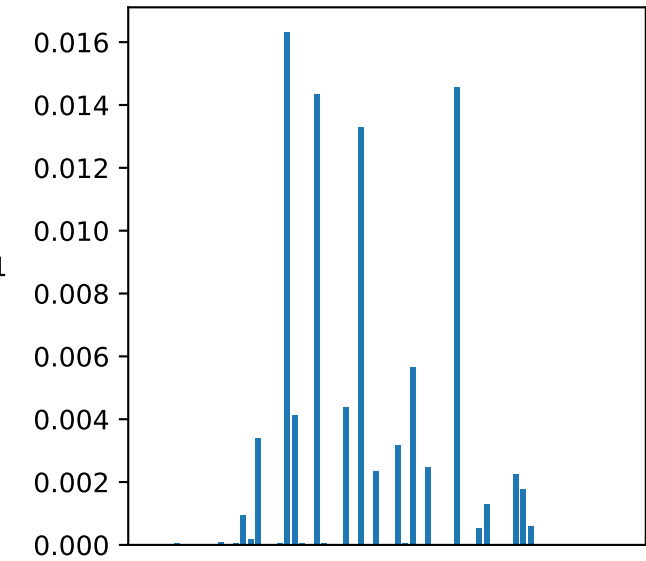


$R(3,3) \leq 4$ Info

Graph Order: 4
Clique Order: 3
ISet Order: 3
Number of trials: 10

Numpy Computed Mean Energy: 0.01
VQE Computed Mean Energy: -0.00
 Δ Energy: 0.01
Most likely state: 010010
Most likely state probability: 1.6E-02

R(3,3) ?< 4 Statevector Distribution

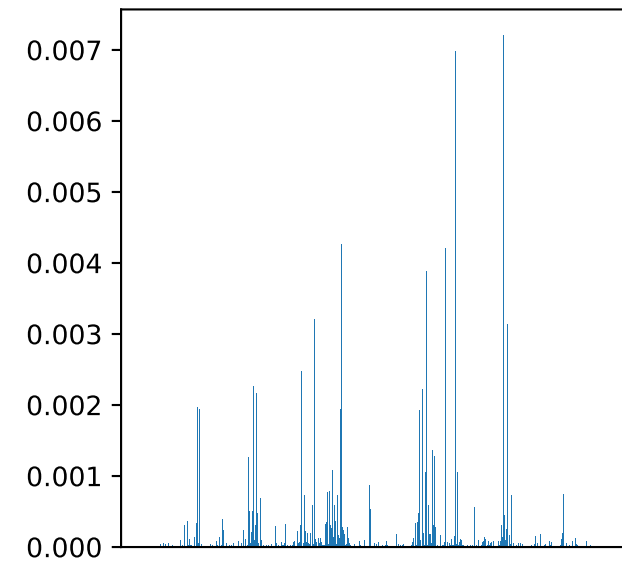


$R(3,3) \leq 5$ Info

Graph Order: 5
Clique Order: 3
ISet Order: 3
Number of trials: 10

Numpy Computed Mean Energy: 0.76
VQE Computed Mean Energy: -0.00
 Δ Energy: 0.76
Most likely state: 1100001101
Most likely state probability: 7.2E-03

R(3,3) ?< 5 Statevector Distribution



$R(3,3) \leq 6$ Info

Graph Order: 6
Clique Order: 3
ISet Order: 3
Number of trials: 10

Numpy Computed Mean Energy: 2.90
VQE Computed Mean Energy: 2.00
 Δ Energy: 0.90
Most likely state: 010111100001110
Most likely state probability: 1.1E-03

R(3,3) ?< 6 Statevector Distribution

