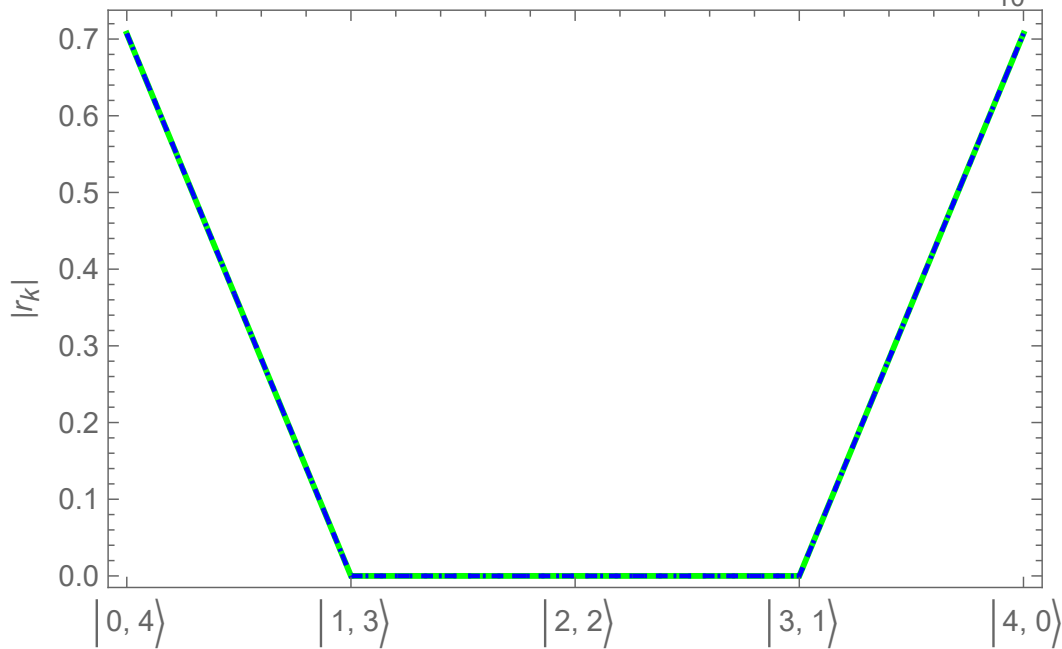


Comparing optimal 1 shot and 2 shot states for $N=4$, $\Delta=\frac{\pi}{10}$



— 1 Shot case
 - - - - 2 Shot case: Shot 1
 2 Shot case: Shot 2