$N_2$  (6-31g, 10e, 16o) R=1.2 Å / all-to-all R=1.2 Å / heavy-hex R=2.4 Å / all-to-all R=2.4 Å / heavy-hexEnergy error (Hartree) Energy error (Hartree)  $10^{-1}$  $10^{-1}$ 10-2  $10^{-2}$  $10^{-2}$  $10^{-2}$ Energy 5 6 7 8 9 10 9 10 5 6 7 8 9 10 6 8 6 Repetitions Repetitions Repetitions Repetitions 600 800 600 600 subspace subspace 600 400 400 400 400

