## Number of particles: 12 $\omega = 0.10$ 16 14 Ground state energy $\omega = 0.28$ 30.0 27.5 45 ω = 0.5040 72.5 ω = 1.0070.0 67.5 6101521 28 36 45 55 66 78 91 105 120 Number of basis functions