Fourier Transform at α =0.1, T = 0 K TEMPO $\Omega_0 = 4$ 12 TEMPO $\Omega_1 = 5$ TEMPO $\Omega_2 = 5.5$ 10 TEMPO $\Omega_3 = 10$ 8 FT of $\langle \sigma_z \rangle$ 6 4 2 0 -10.0-7.5-5.0-2.50.0 2.5 5.0 7.5 10.0 Frequency (ps^{-1})