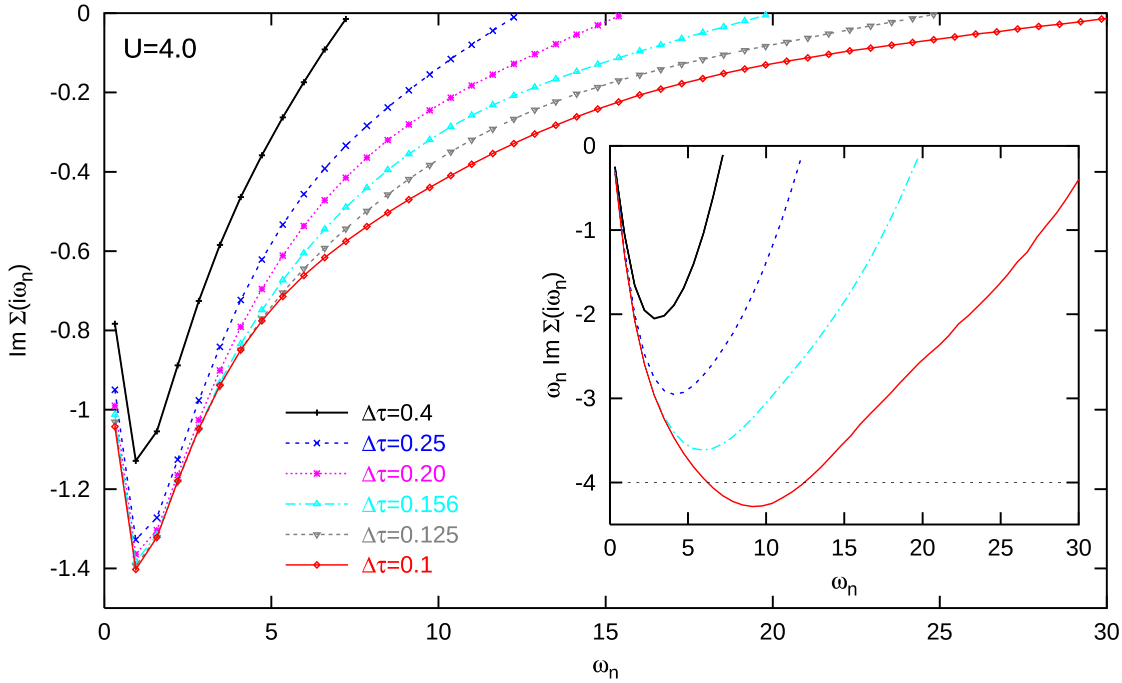

Figure C.6: Imaginary part of the self-energy $\Sigma(i\omega_n)$ for $T = 0.1$ and $U = 4.0$ resulting from the QMC code used throughout chapter 3 for various values of $\Delta\tau$. Inset: Computed $\omega_n \operatorname{Im}\Sigma(i\omega_n)$ in comparison with the exact asymptotic value -4.

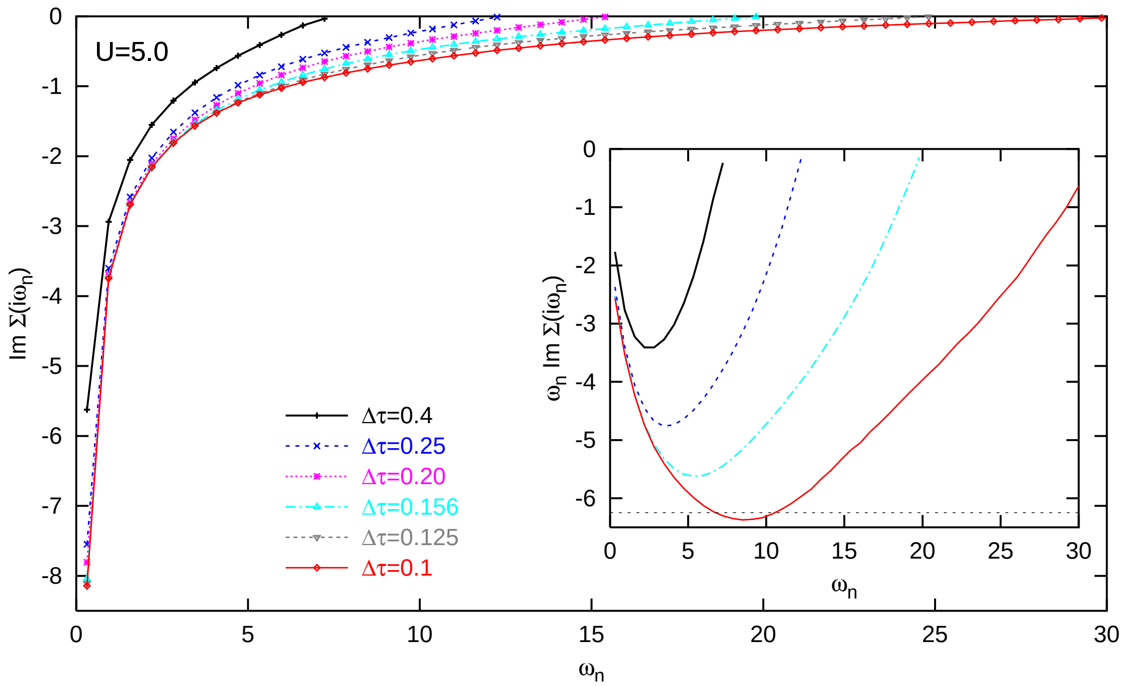

Figure C.7: Imaginary part of the self-energy $\Sigma(i\omega_n)$ for $T = 0.1$ and $U = 5.0$ resulting from the QMC code used throughout chapter 3 for various values of $\Delta\tau$. Inset: Computed $\omega_n \operatorname{Im}\Sigma(i\omega_n)$ in comparison with the exact asymptotic value -6.25.