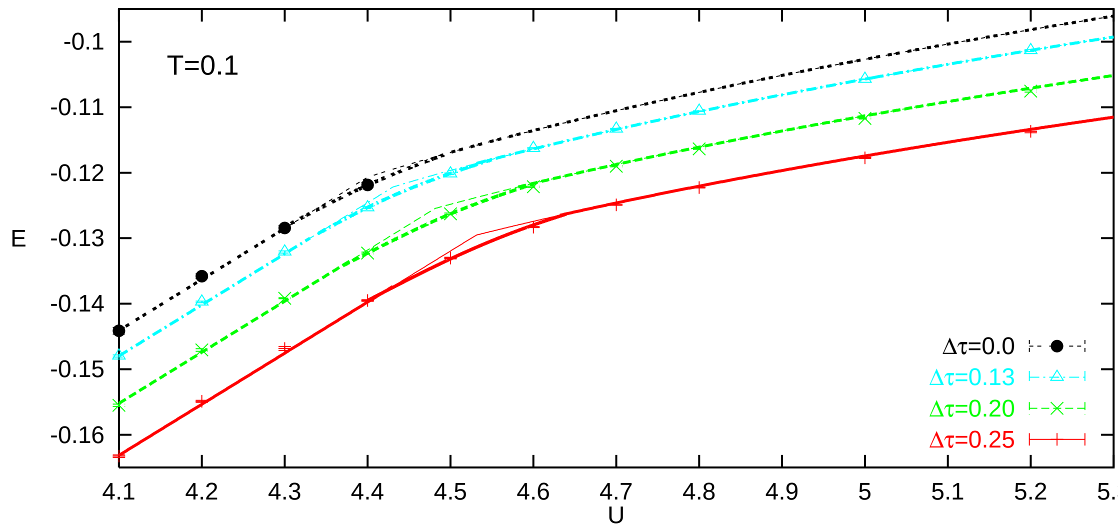

Figure 3.22: Total energy for $T = 1/10$: the QMC data (open symbols) and its extrapolation to $\Delta\tau = 0.0$ (solid circles) is well represented by linear fits (thin lines, partially coinciding with thick lines) for $U \lesssim 4.3$ (and beyond, depending on $\Delta\tau$). For $U \gtrsim 4.6$, the data agrees with fit curves for the insulator given by (3.18) and (3.17) (thin/thick lines). Deviations at intermediate U (thick line segments below kinks of thin lines) indicate crossover regions.

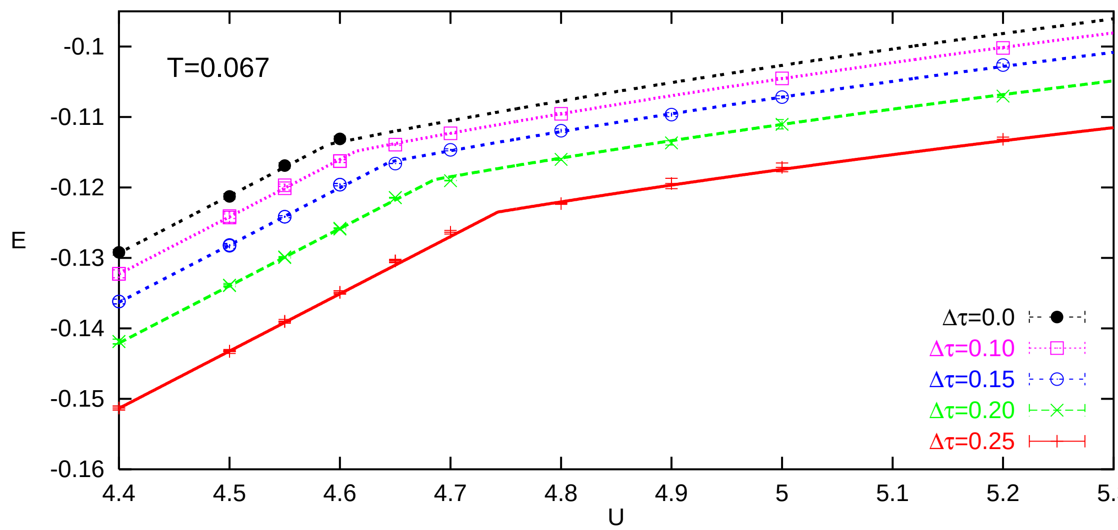

Figure 3.23: Total energy for $T = 1/15$: the QMC data (open symbols) and its extrapolation to $\Delta\tau = 0.0$ (solid circles) is well represented by linear fits on the metallic side and by (3.18) and (3.17) on the insulating side except for data right at the kinks. This indicates a very narrow crossover close to a sharp transition.