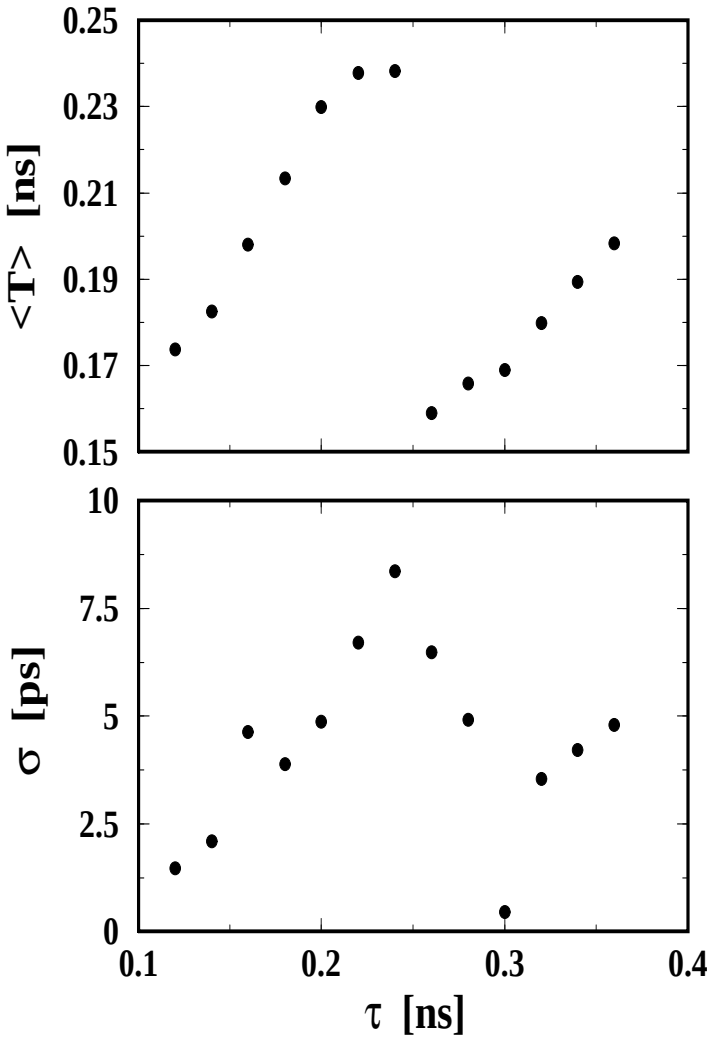

Figure 9: The effect of the feedback time on the pulse period (top) and the jitter (bottom) at pump current of 100 mA, feedback rate $\gamma = 10$ ns^{-1}, and feedback phase $\omega_0\tau = 3\pi/2$. The free running laser has an average pulse period $< T >= 0.242$ ns with jitter 7 ps.