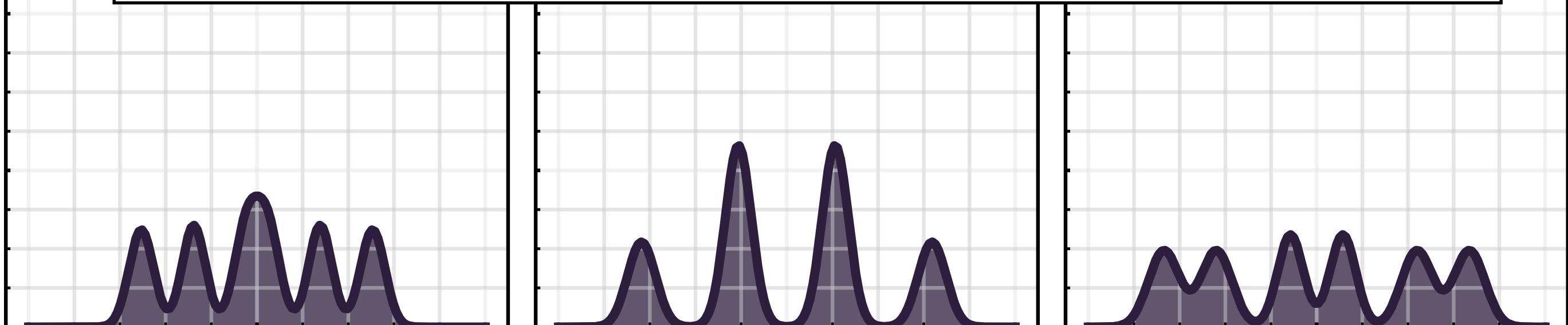
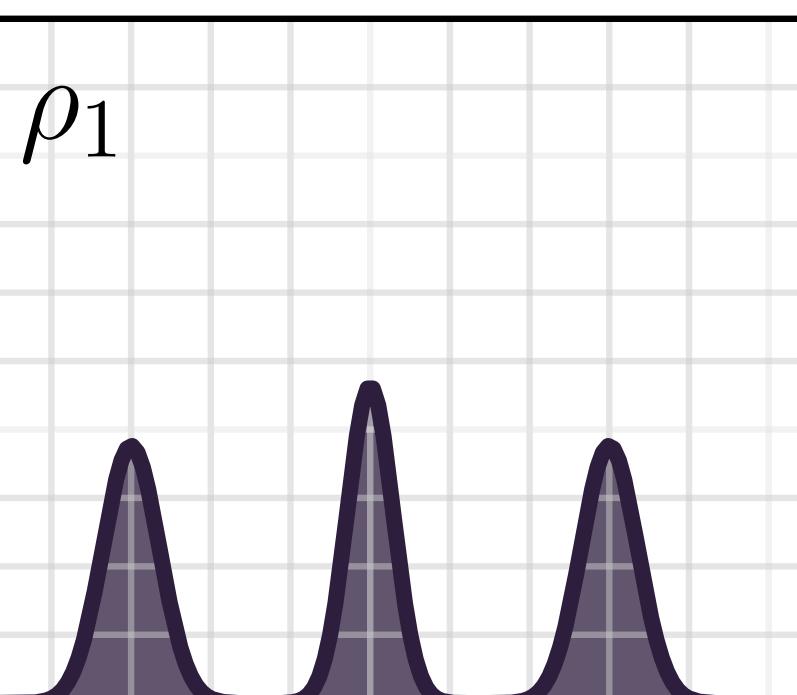
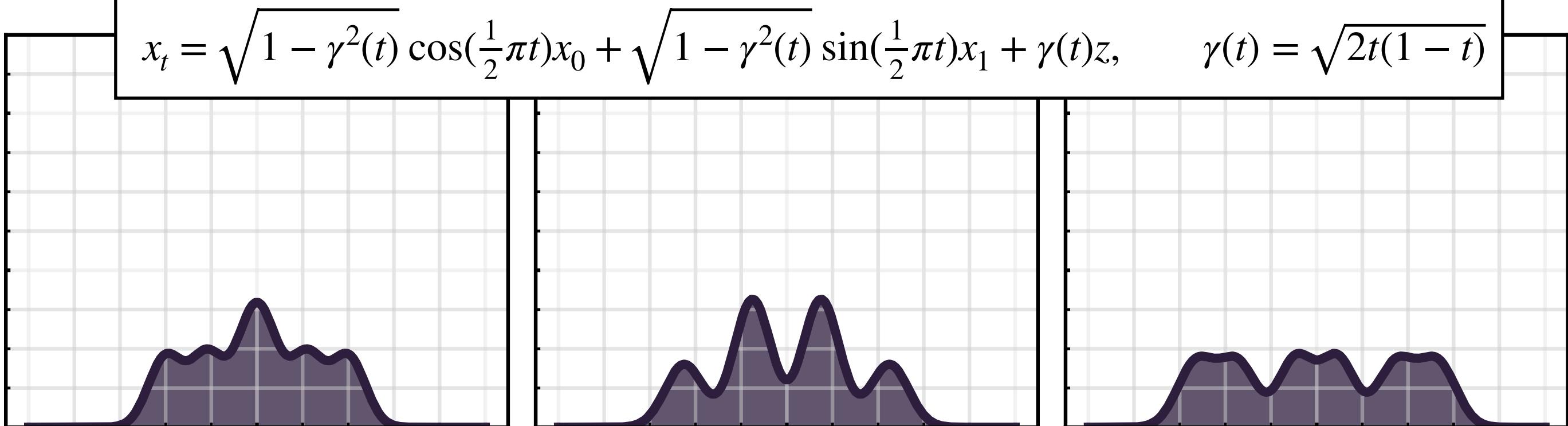
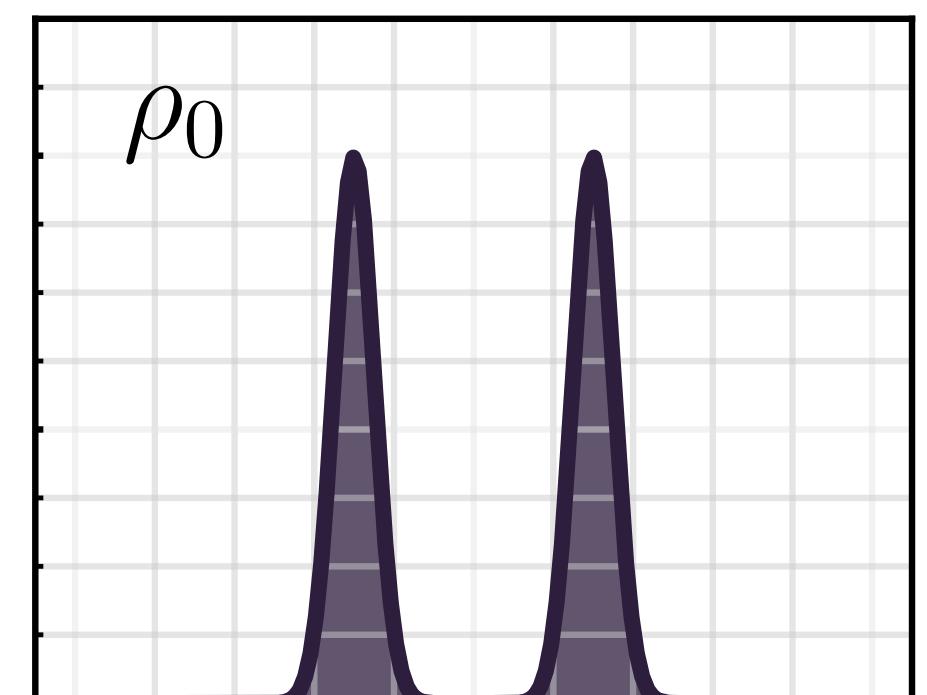


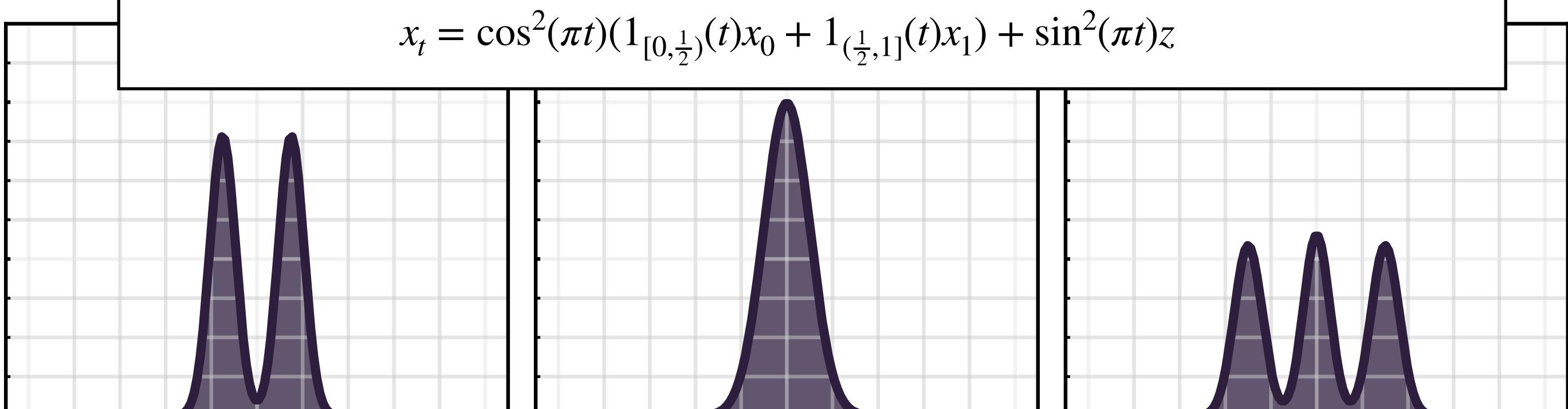
$$x_t = \cos\left(\frac{1}{2}\pi t\right)x_0 + \sin\left(\frac{1}{2}\pi t\right)x_1$$



$$x_t = \sqrt{1 - \gamma^2(t)} \cos\left(\frac{1}{2}\pi t\right)x_0 + \sqrt{1 - \gamma^2(t)} \sin\left(\frac{1}{2}\pi t\right)x_1 + \gamma(t)z, \quad \gamma(t) = \sqrt{2t(1-t)}$$



$$x_t = \cos^2(\pi t)(1_{[0, \frac{1}{2}]}(t)x_0 + 1_{(\frac{1}{2}, 1]}(t)x_1) + \sin^2(\pi t)z$$



\leftarrow $t = 0.00$ $t = 0.25$ $t = 0.50$ $t = 0.75$ $t = 1.00$ \rightarrow