2) ficho colattoto

$$\rho(t) = \sqrt{\frac{4}{T}} \operatorname{vect} \left(\frac{t - (T/8 + T/2)}{T} \right) = \sqrt{\frac{4}{T}} \operatorname{vect} \left(\frac{t - 5T/8}{T} \right)$$

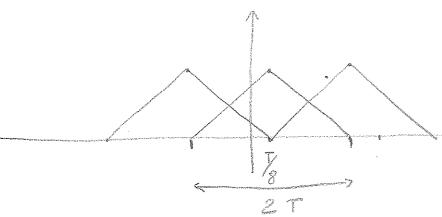
$$t_o = \frac{1}{8} + T = \frac{9T}{8}$$

$$V(t) = A P\left(\frac{97}{8} - t\right) \qquad \frac{5}{3} - 7$$

3)
$$\delta_{nu} = \frac{N_0}{2} \left(r^2(t) dt \right) = A^2 \frac{N_0}{2}$$

$$H(P) = P(P) \cdot R(P)$$

$$h(t) = A \left(\frac{1 - |t - T/8|}{T} \right) rect \left(\frac{t - T/8}{2T} \right)$$



L'istante di compionomento ottomo e quinoli

$$P_{e}\left(X(k) = 0\right) = Q\left(\frac{1/4}{\sqrt{A^{2}N_{0}/2}}\right) = Q\left(\sqrt{\frac{1}{8}A^{2}N_{0}}\right)$$

$$P_{e}\left(x\pi = 1\right) = Q \left(\frac{\left(A^{2} - 1/4\right)^{2}}{A^{2} N_{o}/2}\right)$$

$$\frac{1}{8A^{2}N^{5}} = \frac{2(A-1/L)^{2}}{A^{2}N^{5}}$$

$$\frac{1}{8} = 2A^2 + \frac{1}{8} - A$$

$$A(2A-1)=0 \Rightarrow A=\frac{1}{2}$$