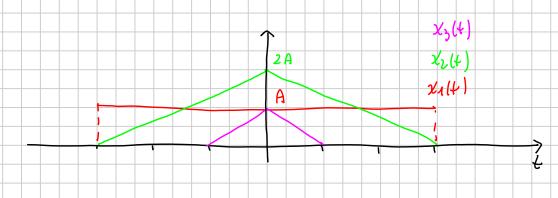
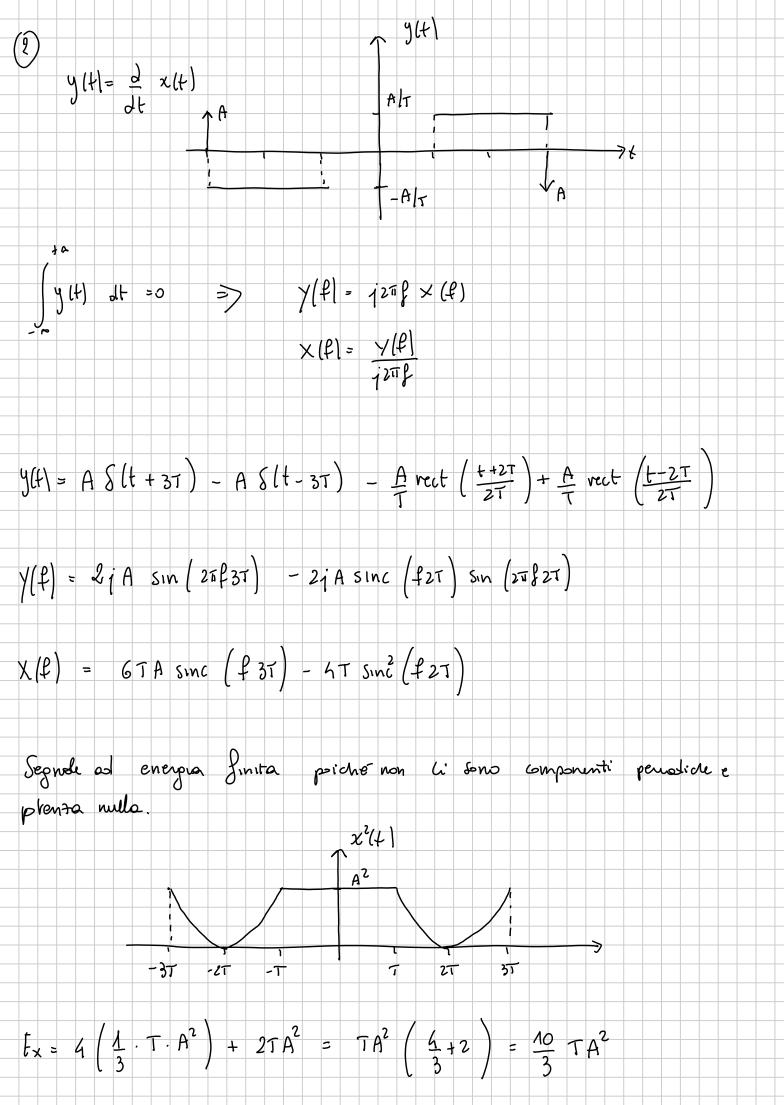


1) Notondo de
$$x(t) = x_1(t) + x_2(t) + x_3(t)$$

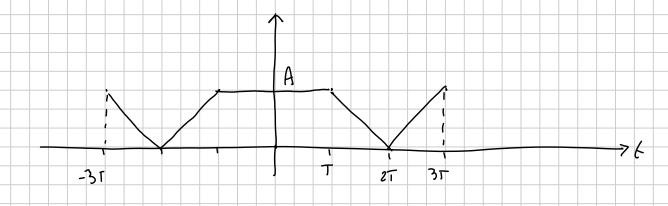
(1)
$$x(t) = A \operatorname{rect}\left(\frac{t}{6T}\right) = 2A\left(1 - \frac{|t|}{3T}\right) \operatorname{rect}\left(\frac{t}{6T}\right) +$$

$$A\left(1-\frac{|t|}{T}\right)$$
 vect $\left(\frac{t}{2T}\right)$









$$x(4) = A \operatorname{rect}\left(\frac{t}{6T}\right) - A\left(1 - \frac{|t+2T|}{T}\right) \operatorname{rect}\left(\frac{t+2T}{2T}\right) -$$

$$-A\left(1-\left|\frac{t-2T}{T}\right|\right)\operatorname{vact}\left(\frac{t-2T}{2T}\right)$$

Pepere sipro risluce con il teoremo dello demuorione

$$f_{x} = \frac{10}{3} A^{2T}$$

$$f_{x} = 0$$