ERRATA CORRIGE

Esercizi svolti di Comunicazioni Elettriche

pag.	riga	errata	corrige
29	14	$\frac{A^2}{\boldsymbol{\pi}} \cos\omega_0\tau + \frac{A^2}{2\pi}\left[\sin(2\omega_0 t + \omega_0\tau + \boldsymbol{2\pi}) - \sin(2\omega_0 t + \omega_0\tau)\right]$	$\frac{A^2}{\mathbf{2}} \cos\omega_0\tau + \frac{A^2}{2\pi}\left[\sin(2\omega_0 t + \omega_0\tau + \boldsymbol{\pi}) - \sin(2\omega_0 t + \omega_0\tau)\right]$
29	15	$\frac{A^2}{\boldsymbol{2\pi}} \cos\omega_0\tau - \frac{A^2}{\pi}\sin[\omega_0(2t+\tau)] = R_x(t,t+\tau)$	$\frac{A^2}{\mathbf{2}} \cos\omega_0\tau - \frac{A^2}{\pi}\sin[\omega_0(2t+\tau)] = R_x(t,t+\tau)$
34	12	Poiché il valor medio di $y(t)$ è nullo, variabili	Poiché il valor medio di $y(t)$ è nullo, **le** variabili
41	8	$P_2 = \frac{k(T_0+\boldsymbol{T_e})B}{L_1}$	$P_2 = \frac{k(T_0+\boldsymbol{T_{e1}})B}{L_1}$
48	1	$P_x(f) = \frac{\lvert F(f)\rvert^2}{T_s}\left\{\sigma^2 + \frac{\boldsymbol{m}^2}{T_s}\sum_{n=-\infty}^{+\infty}\delta\left(f-\frac{n}{T_s}\right)\right\}$	$P_x(f) = \frac{\lvert F(f)\rvert^2}{T_s}\left\{\sigma^2 + \frac{\boldsymbol{\mu}^2}{T_s}\sum_{n=-\infty}^{+\infty}\delta\left(f-\frac{n}{T_s}\right)\right\}$
48	2	dove σ^2 e $\boldsymbol{m}$ sono, rispettivamente	dove σ^2 e $\boldsymbol{\mu}$ sono, rispettivamente
48	6	$\boldsymbol{m} = 0$	$\boldsymbol{\mu} = 0$
51	17	$s_0(t_0) = [s(t) * h(t)]_{t=t_0} = E_s = \frac{4}{3}\ \mathbf{J}$	$s_0(t_0) = [s(t) * h(t)]_{t=t_0} = E_s = \frac{4}{3}$
51	20	$\frac{s_0^2(t_0)}{\sigma_0^2} = \frac{2E_s}{N_0} = \frac{1,5}{1} = \frac{4}{3} = 1{,}25\,\mathrm{dB}$	$\frac{s_0^2(t_0)}{\sigma_0^2} = \frac{2E_s}{N_0} = \frac{4}{3} = 1{,}25\,\mathrm{dB}$
62	3	dove $f_1 = \mathbf{33}$ kHz	dove $f_1 = \mathbf{2}$ kHz
72	17	$s(t) = A\sin(\omega_c t + \theta_c)\cos(a_n\beta_p) + \boldsymbol{a_n}\ A\cos(\omega_c t + \theta_c)\sin(a_n\beta_p)$	$s(t) = A\sin(\omega_c t + \theta_c)\cos(a_n\beta_p) + A\cos(\omega_c t + \theta_c)\sin(a_n\beta_p)$
72	27	che rappresenta il noto segnale **QPSK**.	che rappresenta il noto segnale **BPSK**.
74	5	$\sum_{\substack{n=1 \\ n\ \text{dispari}}}^{N} \binom{N}{n}\ \boldsymbol{N}\ p_e^n(1-p_e)^{N-n}$	$\sum_{\substack{n=1 \\ n\ \text{dispari}}}^{N} \binom{N}{n} p_e^n(1-p_e)^{N-n}$
82	18	$d = (\boldsymbol{\alpha+1})\ AT$	$d = (\boldsymbol{1-\alpha})\ AT$
82	26	$P(n_0 > \frac{AT}{2}\ (\boldsymbol{1+\alpha})\ )$	$P(n_0 > \frac{AT}{2}\ (\boldsymbol{1-\alpha})\ )$