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 $2(t) = \sum_{k=0}^{\infty} c_{k} e^{j2\pi kt} | b_{j} | i | c_{j0} | c_{j0$

 $a_0 = \frac{1}{T} \int_0^T f(x) dx$ $a_n = \frac{2}{T} \int_0^T f(x) \cos(nwx) dx$ $b_n = \frac{2}{T} \int_0^T f(x) \sin(nwx) dx$ $\omega = \frac{2\pi}{T}$

me h(t) = e-2/tl = ever 10 ; en = 0 (Hcf)) [(Hcjw)). in , o)/ ! " ! (b) j & ! " in Jan: _i s's us (16) / 200 2n(t) = 0.03 Cs(10t) · wer (6) 0,000 of x total(t) = xs(+) + xn(+) $y(f) = \chi(f) H(f)$ $y(f) = \int_{-\infty}^{\infty} \{y(f)\}$ · mu mu le yets i 1, x(t) ()

a: $c_{i}(x)$ $c_{i}($