

 $N_i(t) = n(t) cos u t$ $= n_c(t) cos u ct - n_s(t) Smuct cos u ct$ = 1/2(d) (1+cos2uct) - 1/2 ns(d) Sn2 wet = Inc(+) + Incet) cos2 ust - Inscr) SAZust $P_{n_i}(\omega) = \frac{1}{4} \left[P_n(\omega + \omega_c) + P_n(\omega - \omega_c) \right]$ $\frac{No}{2} \times \frac{1}{2} = \frac{1}{4} No$ - wo 0 wo Pn = \$4 x \$\frac{n_0}{2} \times \frac{1}{4} \times \frac{1}{2} \times \frac{1}{4} \times











