Le16 Tuesday, 11 April 2023 21:45 Es4 · REALE & DISPARI s(t) · PERIODICO TP = 2 -> COO = 2T · COST. FOURICR SK=0 Per 1K121 SK KERYITTAUI · Ps=1 DISPARI s(H = ? PARTERILE PAR 1 = 0 i poch. Sk somo MHHAGINARI E DISPARI PARTEINM. DISPARI 50=-5-0=-S0 Ps=1= = [SK|2 250=0 $= A^2 + A^2 = 2A^2$ $A^2 = \frac{1}{2} \qquad A = \frac{1}{2}$ 3(H = Z SKed Kowot = dA edit -dA e-dit = JA (edTt - e-dTt)

contt + Jsimit - (onfit) - Ssinfitt) = 23 simmt s(+)= &A . 2 y sim Tt -24 sim lit = ± 1/2 sim Tit sinc periodico s(+) = 3 · sim (πt) sim (πt) PERIODICO TOS 10 CHICOLIER PS=? IL SEGNALL APPARTION ALLA CUASSE DISEGNALI PKLUDICI CON COEFT. DIFCULIKR SOH = Z Sx ed Kwot = Z ed Kwot = X = N = 2N ed (m-N) wat = e-jouont 2n d= educt = e-fwoNt _ e fwo(N+1)t s(t) = 25 sim (wo [N+2) t) S(H) = 3 . Sim (Tt) Sim(Tt) ω₀ = 5 000 = 215 F= 00 (N+1/2) = 2 (N = 1) 5 = 2N+1 Ps= = 15x12 = 5. 9 = 9 = 9 = 5 Ms = So = 3/5 s(H) = x(H) -g(H) -21 XH -65 -127 $g(H) = 200_{8T} 200(f-45)$ $d = \frac{1}{8} = \frac{T}{8T}$ YK = & sinc (K) et Kwo 4T = Regoladi

traslatine

K. 2T. AT = KT neltenpo $Y_{K} = \begin{cases} Sinc(K) & \text{e-there} \\ Sinc(K) & \text{e-there} \end{cases}$ $X_{K} = \begin{cases} \frac{1}{2} sinc(K) & \text{where} \\ \frac{1}{2} sinc(K) & \text{where} \end{cases}$ $S_{K} = X_{K} - Y_{K} = \begin{cases} \frac{1}{8} \sin \left(\frac{K}{8}\right) & \text{of } K = 4m \\ -\frac{1}{8} \sin \left(\frac{K}{8}\right) & \text{of } K = 4m \end{cases}$ $S_K = \frac{1}{8} \text{ sinc } \left(\frac{K}{8}\right)$. $\left(\frac{1}{4} \times 2 \times 1\right)$ althore $= \frac{1}{8} \text{ sinc } \left(\frac{K}{8}\right) \left(\frac{1}{4} \times 2 \times 1\right)$ WIME SME