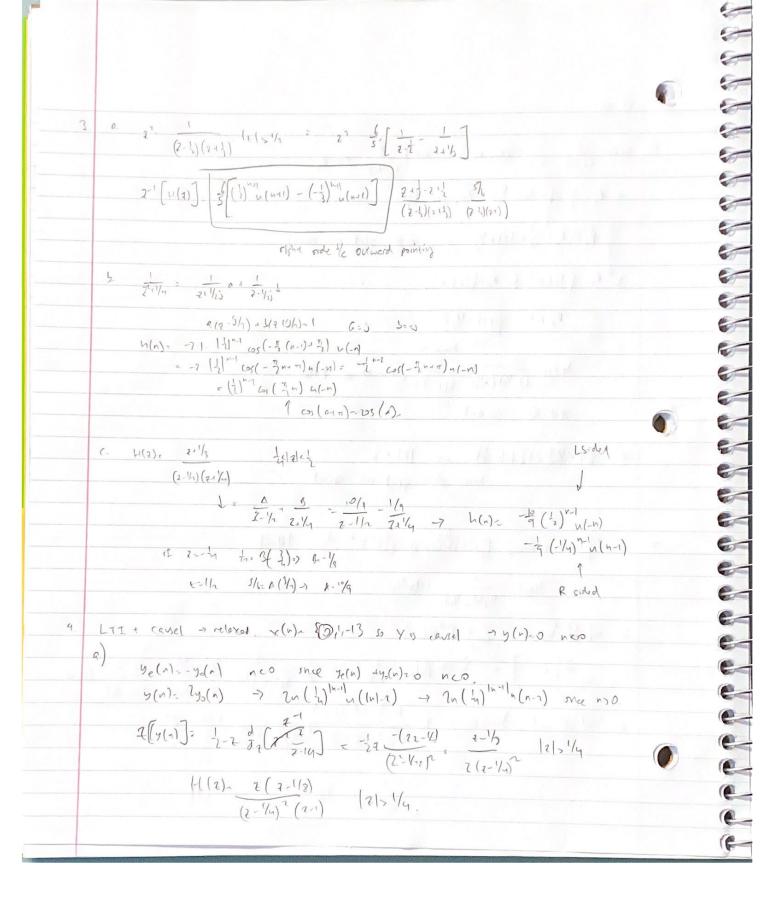
Y(2): 1 (2-4) 2-45 POC: Ry (1/2)= 7-1 POC-Ry 0 Pr = { = { = 4 < |e| < 1/3} Pr = { |2| > 1/3} Px N Pz = 3 < 12 | 2 /4 Since to w y(r) not causel b. Py= { 121 > 1/3 } Rh: {121 > 1/4 } ey nen: {121 > 1/3 } Y (2) (2-1/3)(21/3) 2(2-1/4) 2: 0 os 2>10 4(2)=0 causal 1 C {12 <1/3} \ [[2 | < \frac{1}{2}] \ |2 | < \frac{1}{2} since \$10 y(n) not consel a $J[(\frac{1}{2})^{n-1}u(n-3)] = (\frac{1}{2})^{2}(\frac{1}{2})^{n-2}u(n-3) = (\frac{1}{2})^{2} e^{-3} = \frac{2}{2-1}$ $|2(\frac{1}{2})|^{2}$ 5. $n\left(\frac{1}{2}\right)^{2\gamma-1}h(n-z) = \frac{1}{8n}\left(\frac{1}{4}\right)^{4\gamma-2}h(n-z)$ $(2(\frac{1}{2})^{n} \cos(\frac{\pi}{2})^{n}) u(n) \leftarrow 2 \frac{[-\frac{1}{2} \cos(\frac{\pi}{2})]}{[-\frac{1}{2} \cos(\frac{\pi}{2})]} \frac{2}{2} = \frac{2(1-\frac{1}{2})}{[-\frac{1}{2} 2^{-1}(\frac{1}{2})]} \frac{2}{2} =$ 2 22-2/2 (2/2)



Treepeppeppeppeppeppeppeppeppeppppp (1. 21-2/9 - 2-1/2 (7.1/2) 2-1 1. 2 f. 5 = 1 = 1 7 = (9 (= 14/q -5/0 - 1/24 (2-14) (> h(n) = -5 (1/4) 1-1 (n-1) (1/4) 1/4 (1/4) 1/4 (1/4) C. E= 10 14/a u(n-1) goes forever to 00 = 14/a no converging d. Im I 2 [h(t)]? = smol 3 lens No po = 0 ,50 all their leh is lim I = (14) = W (14) 2 = 14.147 = 9.9.2 81