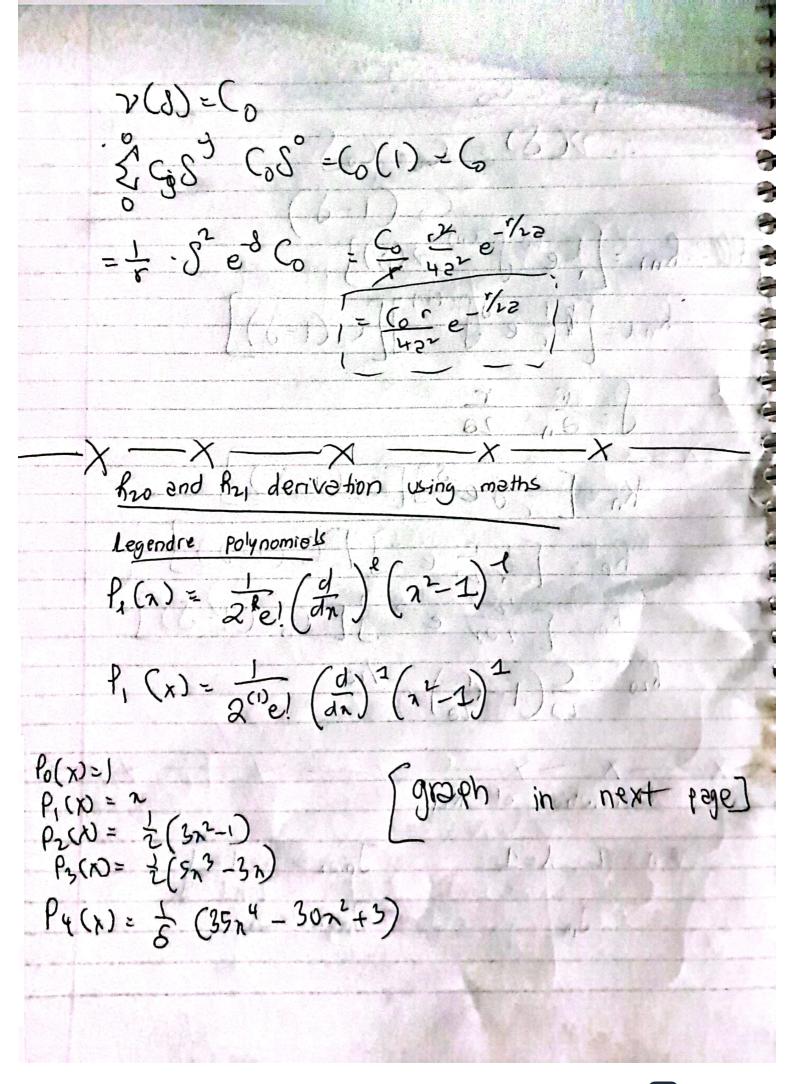
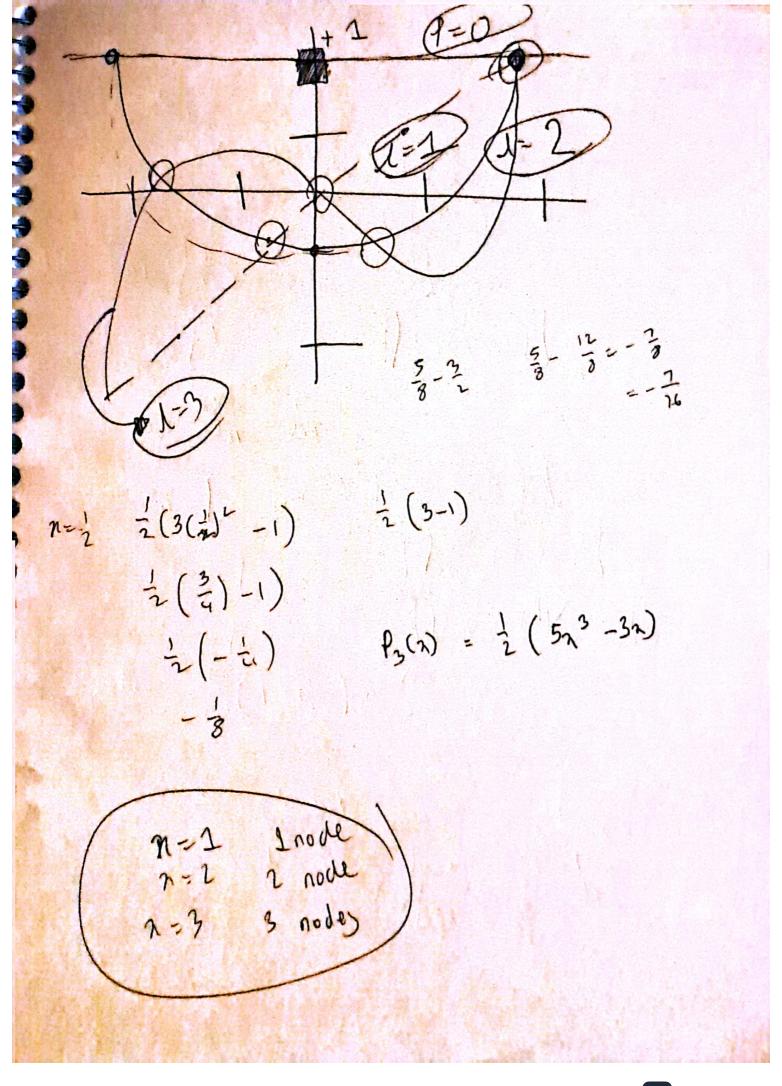


$$\begin{array}{c} Q_{no}: (r_{5}Q_{5}Q_{5}) = R_{10} Y_{0}^{2} + \sqrt{147} \\ Q_{10}: \frac{1}{\sqrt{2}} e^{-r/3} \\ Q_{10}: \frac{1}{\sqrt{2}} e^{-r/3} \\ Q_{10}: \frac{1}{\sqrt{2}} e^{-r/3} \\ Q_{10}: \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} \\ Q_{10}: \frac{1}{\sqrt{2}} = \frac{$$

:. 2X(8) = Co- CoS 26-: Rn1 = [te-s green) ~(8)] for = [8 + e-3 [(1+1)] [Co(1-5)] J= 3 20 Rm=[+8e-5][6(1-8)] Ro1 = [+ = e-1] [((1-0)] Rn=[=5][Co (1-5)] Ru - C (1-(1) e -1/23 Derivation of Ru # n= 2 1=1 1-1-4-1 - real Jnex - 1





Associated legendre polynomials Pam(n) = (1-2)2 (3/2) /m/ Pa(n) n= (0) (0) P, = J1-22 = sin(a) TP P2 = = = (322-1) P2 = 3x J-x2 = 35in(0) (05(0) P2 = 3(1-x2) = 35in20 Hiltoy