Sec 7 4 2 Ans (3-3) 4= x2x+1-Auxiliary equationm2 3m+2=0 (m-1)(m-2)=0Cf = Gent Gen $PI = (2^{2} + 2n + 1)$ $\frac{1}{2}[1+D^2-3D](n^2+2n+1)$ = $\frac{1}{2}\left[1-\frac{D^2}{2}+\frac{3D}{2}+\left(\frac{D^2}{2}+\frac{3D}{2}\right)^2\right](x^2+2x+1)$ $=\frac{1}{2}\left(1-\frac{0}{2}+\frac{30}{9}+\frac{90}{1}\right)(n^2+2n+1)$ = - 1/22+24+1-2+3 (22+2)+9, 12) = 1 (n2+2n+3m+3+ g)

