$$X(K+2) + 9x(K+1) + 20x(K) = 4K+5; X(0) = 4 X(1) - 6$$

$$X(K) = 4K, Y^{K+2} = 9Y^{K+1} + 20Y^{K} = 0 = 0$$

$$Y^{2} - 9Y + 20 = 0$$

$$D = 81 - 80 = 1 Y_{2} = \frac{9 \pm 1}{2} = \frac{1}{2}$$

$$X_{K}^{(1)} = 4K X_{K}^{(2)} = 5K$$

$$X_{K} = 4K X_{K}^{(2)} = 5K$$

$$X_{K} = 2K X_{K}^{(2)} = 5K$$

$$X_{K} = 2K X_{K}^{(2)} = 5K$$

$$X_{K} = 2K X_{K}^{(2)} = 5K$$

$$X_{K} = 3K X_{K}^{(2)} = 5K$$

$$X_{K} =$$

XK+2-9Xx+1+20Xx=4K+5; X(0)=4 X(1)=5 XK=C(K)4K+G(K)5K @ Xx+1=C(K+1)4K+1 C2(K+1)5K+1 = C(K+1)4K+1 C(K)4K+1 C1K)4K+1 C2(K+1)5K+1 C2(K)5K+1 C2(K)5K+1 = DC(K)4K+1 C(K)4K+4 DC(K)5K+4 C2(K)5K+1 31 CIK)4K+ 6C2(K)5K+1 = 0 Xx1= C(K)4K+1 C(K)5K+1 3 5 Xx+2= A Cy(K)4K+2 Cy(K)4K+2+ /5 Cy(K)5K+2 Cy(K)5K+2 (4) 1C(K)4K+2C(K)4K+2+BC(K)5K+2C(K)5K+2 9(C(K)4K+4 C2(K)5K+1)+20(G(K)4K+C2(K)5K)= 5-4x+3x+2+C1(K)4442-9.4+20)+15C1(K)5+C2(K)543-9.5+20)=4K+5 3 Jx=4x+5 13 C1(K)4K+2 + SC2(K)5K+2 fx 3 ACI(K) = -4-k-1/2 BC2(K) = 5-k-1/2 [ACI(K)4 + BC2(K)5 K+1 = Q [ACI(K)4 + AC2(K)5 K+2 = FK 3 \(\(\kappa \) = - \(\frac{\frac{1}{4} \cdot \frac{1}{4} \cdot \cdot \frac{1}{4} \cdot \cdot \cdot \frac{1}{4} \cdot \cdot \frac{1}{4} \cdot \cdot \frac{1}{4} \cdot 20/2(x) = + 15-x-1 fx C2(n) = C1(0) + 5 / 3-m fm Xx=C1(0)4x-4x-154-m + C2(0)5x5x-1x-3-mf X0=4 X=5 SC(0) + C2(0) = 4 SC(0) = 15 24C(0) - fo + 5C2(0) + fo = 5 2C2(0) = -11 Xx215.4x-4x-1761-mfm+-11.5x5x-155-mfm

