Chris Hardoly Lec. 6, Fx. A 2/18/21 1. Dolpromas rie commitative it 1 cro 1200 :2 arra F(6+6) = (6+6) (2) = (Qxx+.+Q1x+Q0+Bxx+.+B1x+B6) = (Q6+B6) I3 = 1 do + Bo

Note only coefficient without x for multiplied voriable 5 2 coefficients without x form multiplied = 1 3000 Is = Table = [Q Q], B 201) A May => 860,2,42 group Let 195 ER, MAREA (175)m= f(175)m = (f(1) + f(5))m = f(1) m + f(6) m (13) W = f(13)m = And Alg) m MAN) = AMN = f(1) m + f(1) v

$$I_{N} = f(I)_{N} = I_{N}_{N}$$

$$= m$$

$$= m$$

$$= f(I)_{N} \cdot (ab)$$

$$=$$

a 54 D f(1+5) = - (1+5).1. = r. \. + . S. \ = P(r) + f(5) f(rs) = (rs).1 = 1.(5.1) = 1.7(5) = 1. (1F(5)) (r.1). F(5) F(1)1(5)

3 B bass of A (as a vec. sque over F).