Patrick Bucher IPCV: Filh - Many 1 Aufgate 1. Falking) f= {0,0,0,1,1,1,1,0,0,0} 1. mulhplizheres w= {1, 2, 2, 2, 1} 2. drugonal addling 99980 9988 0000 2 X X XXXX 2 2 2 8 8 8 8 8 f*w= {0,0,0,1,3,5,7,7,5,3,1,0,0,0} QNU Octor: f=[0,0,0,1,1,1,0,0,0] v=[1,2,2,2,1] conv (f, w)

Aufgate 2: Falking and Bartin - Codes) X= {1,1,-1,1} X2 = {1, -1, 1, 1} X1 1 -1 1 1 1 N -1 A A 1111111 0-1 A N A A -1 1 X -1 1 X X1 * X2 = {1,0,-1,4,-1,0,1}, Maximum bei 4 GNU Octove: x1 = [1,+1,-1,1] x2 = [1, -1,1,1] Conv (xn, x2)

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Pahiel Bud-Aufyabe 3: Korrelation) f= {1,1,0,0,1,1,0,0} A. multiplización g= { B, 1, 1, 0} 2. diagnat adden. 0110 & X X & fag XXX XXX XXXX XXXX Q X X & 8 8 8 8 0000 mit Python/Nonpy: Imput humpy as up f=[1,1,0,0,1,1,0,0] g=[0,1,1,0] np.comlak (f,g) -> 1,0,1,2,1 (ohn Paddiges)