[2,6]~[3,12] 1) Leedward injectioned f: [2,6) - [3,12] ja g: [3,12] - [2,6) \$(x)=2x  $f(x_1) = f(x_2) = 2x_1 = 2x_2 = 2x_1 = x_2 - \alpha$  injectione  $g(x_1) = g(x_2) = x_1 + 1 = x_2 + 1 = x_1 + 3 = x_2 + 3 = x_1 = x_2 - \alpha injectione$ Jacobkult [2,6)~[3,12] 2) Konstrucerime jorgmined Eijektrianid [2,6) -, [0,1) 2, [0,1] 1 2, [3,12] · f: [2,6) -> [0,1) Kazulader singe vorrandit: { 0 = 21.16 = 1 = 4 y- ha+6 f(2)= 2-2 Nactame et & on Bijektiune Trj: 2,-2 = 22-2 => 2,2 = 22-2 => 2,=22 - a vyeltieve Sier: Hy & [0,1) jacks Fa & [2,6], nie et y = 2-2 Taxelihult on & bijethinge · g: [0,1) - [0,1] g(2) f 1, hu 2=1, n=2, n e N (x, hus 2 + 1 Maitame, et g on bijektiine Try: 1 = 1 => R, -1 = R2 -1 => R, = R2 - on vijektuigne. Sir: Hy & [0,1] jack I2 e [0,1), nie et y = 1, hu 2 = 1, n > 2 r & N
g(2)=2, horal tegenist on samosusteisendusega, mis on alati nie injektuiene, hu ha singettiume. Torrelikult of on sijektiume

· A: (0, 1] -> [3, 12] Maritades xisge coccanolit: [3 = 6 = 56 = 3 | 12 = 1 + 6 = 1 | 1 = 9 y= Ra+6 h(x)=3x+3 Mailane et han bijektiine. Ty: 9x, +3 = 9x2 +3 => 9x, = 9x2 => x, =x2 - injektione Sirc: Hy e [3, 12] jacks Ix e [0, 1] rii, et y = 9x+3-Jarelikult on h bijektiive. Roenguhonnettin olev jaraldus 6.42 villel, et bijektiivsete funktrioniole hamparitrioar or samuti Bijekticiere Seega vioime votta Bijektrioniks 5(2) = (hogof)(2), jarelihult on hulgad [2,6) ja [ 3, 12] cheevalentral, eld sama voinnunga.