1.23 Aquivalenzhlassen 2) ?-{(m, m) em² | m, hat die gleiche Staatsangehörigheit wie m 2 3: Reflexivitat: V Symmetrie: 1 Transitività: V [Deutschland] - Uch, Amy, Sunia] [Niedonlunde] [Nuoni] [USA] Springston, Bonnington, brdison} New Elelussen modulo 7: [0] = { ..., -14 - 7 07: 74 ... } [7] = { ..., -13, -6, 1, 8, 15, ... } 2= {..., -12, -5, 2, 3, 16, ... } [6]={...,-8,-1,6,13,20,...} R={(x,y) = Z2 | x2-y2 ist durch 3 teilsar} Reflexivition: x Rx x2-x2=3n (n = 2) 6) 0=3n 6) n=0 - 0 = 2 Symmetrie: xRy => y Rx x2-y2=34 @y2-x2=3(-4) -> n, -4 & # V Transitivitat: x Ryn y Rz 3xRz $x^{2}-y^{2}=3a$ $y^{2}\cdot z^{2}=35=y^{2}\cdot 35+z^{2}$ $x^{2}-35-z^{2}=3467x^{2}-z^{2}=3(a+5)$ Aquiva Conz blusson: OJR={...,-6,-3,0,3,6,...} [1] = {..., -5, -4, -2, -1, 1, 2, 4, 5 ... } 1) n= {(x,y) & m2 | x-y & Z} Reflexività x Rx 1- X= DEZ Symmetrie: xRy=>yRx X-y=a => y- x= -a (a = 7) Trans. Eiviteit: XRy YRz => XRz x-y=9 y-2=56) y=5.2 x-5-2=9(5)x-2=5-9 (a,5 = Z) V Aquivalens blussen: [a]= {x6 R1 x= a+5, a6 7,56[01[} PR= \$ (4,4), (-4,4), (4,4), (-4,4), (17,17), (-17,17), (-17,17), (-17,-17)} N={x, y & 1 1 |x/=/y/3(1={-12,-9,4,173) Reflexivibili x Rx 1x1=1x1 valve Aussage Symmetrisch. x Ry -> y Rx 1x1=1y/6)-1y/=-1x/6) |y/=/x/ Transitivibat: XRY 14 RY => XRZ 1x/=/x/ /y/=/z/ 1x/=/2/ Aguinlevellassen: [4]= {-4 45