ALG Da 2011) R. Sutezi Labereich gryseR mit g= rs ZZ: MEE(R) (=) grs () rEE(R) => 3r 1 => r 9=5 => 915 1 s 1 g => 9 rs (=) a~s => =xeR: xq=s => rxq=rs=q => rx=1 => x=r1 => reE(R) OER 32: Jolgende Ausagen sind agnivalent (1) Va, b ER: p=ab => a~1 v b~1 (1) Va, beR: p=ab => all v 6/1 (1) > (1) klam (2) Va, ber: p-ab => anp vb~p (1) => => => xer: a:x>1 v = yer: by=1 => ae E(R) v be E(R) =) had oben anp v bnp (=) (2) (21) Va, b = R: p > ab => pla v plb (2) =>(21) Klau (2') => = x, y ∈ R: px=a v py=b => abx=a v bay=b => 6 x = 1 v ay = 1 => a 1 v b 1 => a 1 v b 1 (=> (1) => (1) (=> (1) (=> (2) (=>(2)) · (3) Va, 6 c R: p-ab => a. tiviale teller v b. triviale teller a triviale Tela (= ap v and $(3) \Rightarrow (1) \lor (2)$ $(1) \Rightarrow (3)$ $(2) \Rightarrow (3)$