23.3.14 (2) S/R= [I] U | [X] XGS-I ? HX, 4&I, 验十六 11. \* ran Ebl tas cas cbs נלט נלט נמו 12 (1)先证明R选新关系 自反性、对称性显然, 对正传沫性 这XRY,YRZ,即 X=4 V (XEI / YEI) 4= 2 V (4e] 12e]) STIEXRZ, EP X=Z V (X EI / ZeI) 1) X=4, 4= => X= 8 (2) X=4, YeI, Z&I =) XeI, Z&I (3) 4-2, XGI, 46I => XeI, zeI A XeI, YeI, ZeI => XeI, ZeI 付递性维证 再证R是同余关系。即证 XIRX2, 9, RY3 => (X14,1)R(X242) EPIEXI=XIV(XIGI/XGI) YETZV (GIEIN SEI) => XIGI= TOTO N(XIGITEL V TOTO EL) (1) N=1/2, 41=42 =) X141 = 1242 AXEXX, 4,EI, 45EI => XIJ, GI, X2 YEI (3) 4,= 42, X, EI, X, EI =) X, Y, EI, X2 (SEI

(A) XI EI, SEI, SIGI, SIGI => XISIGI, XISIGI

(X)[U]=DXY], [x]]=[(x]=I,

]=[[

11. 反之,若Va+b, a, b+e, 智有ab+ba 取b=a<sup>-1</sup>, 即知Va+e, a=a<sup>-1</sup>, 即在<sup>2</sup>=e 由定规定知这许网在这块建筑,者盾