3. (11 to avb = b nc: 图为 a Sb, MM aVb=b, 因为b SC, MM bnc=b, Be avb = bac (21 图为 Q S b, KK Q N b = G, avb=b 又因为b(c, M以bnc=b, bvc=c, (anb) Vcbnc) = avb = b; (avb) n(bVc) = bnc = b; Hux (anb) v(bnc) = (avb) n (bvc) 4、图为GABEA, CADSC, K以由格的保予性得 (anb) V (cnd) {avco 图为GABSB, CAdSd, K以由特的保产性管 (anb) V (cn ld) 5 b V d

因处, (anb) V (cnd)是 avc知bVd与7界,

by (anb) V (cnd) ((avc) n (bvd)

世代: 沒存在i(15i5r)使 G=b, 別bi 561 Vbz V···· Vbr, 以以 G=bi 561 Vbz V···· Vbr

总分性:设 Q (b) V bz V···· V br, 用反证法, 苦不存在 i (1(i(r) 徒得 a=bi, 则由于 a, bi, bz, ···, br 均是原子, 校 anbi=0, Gnbz=0, ···, anbi=0, 从从

An(b) Vbv V (GAbr) V (GAbr) V (GAbr) = 0 又用力 G (b) Vbz V (Vbr, K以 an(b) Vbz V (b)=A 石 Q是厚み, K以 C ≠ 0, 即 an (b, Vbz ··· Vbr) ≠ 0 与上述 结论 3盾, K以 假 设 錯 设 , to 存 在 i (1(i(r)) 食 G = bi。 75、柳公园有秋,故《和月至秋,由公面律 f(x,y)= (xnx) V (xny) V (xny) f(0,P)= 0 V0 V d = d, f(00) = 0 V 0 V |= 1 f(d, 0) = dVOVP=1, f(d, x) = dVdVP=1f(d,e)= XVOVO=d, f(x,1)= XVXVD=d f(P, 0)= 0 V O V X = x, f(P, x)= 0 V O V O = D f(P,P)=0VPVX=1, f(P,1)=0VPV0=P $f(1,0) = 0 \vee 0 \vee 0 = 0$, $f(1,0) = \vee \vee \vee \vee 0 = 1$ $f(1,0) = 0 \vee 0 \vee 0 = 1$, $f(1,1) = \vee \vee 1 \vee 0 = 1$ 到出对于的有的支票(XX)(产的f(XX))之值的意义 <u>X</u> 0 144) I

f(X,Y) 的最大功格维科式 fixiy)= (f(0,0) N X N J) V (f(0,1) N X N y) $V(f(1,0) \Lambda \times \Lambda \overline{y}) V(f(1,1) \Lambda \times \Lambda y)$ = (| N x n y) V (d n x n y) V (In x n y) 打火,Y) 加晶本级 标准形式 f(x,y)= (f(0,0) V X VY) V(f(0,1) VX V y) HV(felio)VXVY)V(f(1),1)VXVY) = (VXVY) VLOVXVJ) V (OVXVY) V(IVXVJ H

34. 用为〈B;一,V,N)是布尔公崴, 放十年基本定律在其 上均成之,从以 (avb) M(cvb)=((avb) Mc) V((avb) Mb)(分面1律) =(anc) V(bnc) V(anb) V(bnb) = (anc) V [(bnc) V (an])] = 1 anc n(6 V b)) V t (6 1 c) V (a N b)] = (GACAB) V (GACAB) V (BAC) V (GAB) =[(an(cnb)) V(bnc)] V[(anb)nc] V(anb) = (bnc) V (anb) = (anb) V (cnb) PP (aVb) 1 (CNb) = (aNb) V (CNb)

35. 对Va EBI, 有 D = GNG EBI。由于是同态映射和 f(0)= f(ana)=f(a) &f(a)=f(a) &f(a)= x, 66 W2 0 EJ (7) 若GEJ, QU fia)= d XTYXEBI, & XSad, X= X1a $fg f(x) = f(x \cap a) = f(x) \otimes f(a) = f(x) \otimes x \alpha = \alpha$ PLIX X E) (37 对 V a, b E J, 有 f(a) = X, f(b) = X Fg f(anb) = f(a) &f(b) = X&x=X BSVL GABE f(aVb)=f(a)Vf(b)= dVd=d, Mu aVb E) 故人JiNVin>是人构成一成数年级