H2/15 76066001

## 数学作业纸

姓名:

编号:

月型至23

③ IA-{{x,x}|xEA} ALRS二元至多IAURURG从是自反的和对帮的。

艺(x,x)ER,则(x,x)ER' 且(x,x)EIA 图比(x,x)EIAURUR' 所以IAURUR'必是自后的。

\*若《人》(ER是对称的,则《《》)(ER也是对称的根据定理R是对称当的证例是对称的。因为R=R"则R是对称的所以IAURUR"从是对称的。所以IAURUR"从是对称的。

(9i). dom Rt = ran R

后倒:

R={(a,b,c)}
B={(1,2,3)}

R'={(1,a),(3,a),(1,6),(2,6),(1,6)}

B然dom R1: ran R

习記 24

(1) R:{(a,a), (a,b), (b,d)}

R2:{(ad), (b,c), (b,d), (c,b)}

RzoR1= { (c,d)}

R10R1={(a,a), (a,b), (a,d)}

RioRz={ (aid), (aic)}

RioRi 2 { (b,b), (c,c) }

Pro(RINRS) C(RIORZ) M(RIORS) (Rink3), R4 C (Riok4) M (Rsok4) A={1,2,3} 3R, 2{\1,2}, \(\lambda\), R22{\(\lambda\), Rs={\(\lambda\), \(\lambda\)} R10 (R10Rs) = 10 1) R10 (RLARS) = (RIORZ) (RIORS) = {(1,2)} R22{(2,2)}, R32{(2,3)}, R4={(2,1),(3,1)}p1 (RINRS). R4 2 \$ , (RISR4) N (RSOR4) = {(211)} 2y (R2P25) 0 R4 C (R20R4) M (R30R4) (da)(da) (da) - A. A