

数据库作业纸(2)

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- (1) $\Pi_{person_name}(E) - \Pi_{person_name}(M)$
- (2) $\Pi_{pn}(\sigma_{street=ps} \wedge city=pc(E \bowtie (\rho_{T_1}(pn, person_name, ps, pc)(M \bowtie E))))$
- (3) $\Pi_{person_name}(\sigma_{company_name \neq "First Bank Corp"}(E \bowtie W))$
- (4) $\Pi_{person_name}(\sigma_{salary > maxSalary}(W \times$
 $(\rho_{MS(maxSalary)}(\Pi_{salary}(\sigma_{company_name="Small Bank Corp"}(W)) -$
 $(\sigma_{Salary < salary}(\rho_S(Salary)(\Pi_{salary}(\sigma_{company_name="Small Bank Corp"}(W)))) \times$
 $(\Pi_{salary}(\sigma_{company_name="Small Bank Corp"}(W))))))))$
- (5) $\Pi_{manager_name}(\sigma_{manager_name=mn \wedge person_name \neq pn}(M \times$
 $\rho_{M'}(pn, mn)(M)))$
- (6) $(\Pi_{person_name, company_name}(W)) \div (\Pi_{company_name}(\sigma_{city="南京"}(C)))$