

11x75 (5/47c)

9-1 ① R의 멱등

(2) R의 3 멱등

(3) R^n 의 멱등
rel.

(4) transitive $R \subseteq R^n$.

9-2 ~~is any~~ relation & data base

Database

select, project, join operators

SQL

9-3 Boolean matrix
Graph

9-4 Closure.

ref. sym. transitive

Path

Computing transitive-closure of R

Warshall's alg.

~~Depth first search~~
~~Warshall's alg.~~

Depth-first search

\leq anti
but not asymmetric