

3.

### 3.1 DBMS

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- 가
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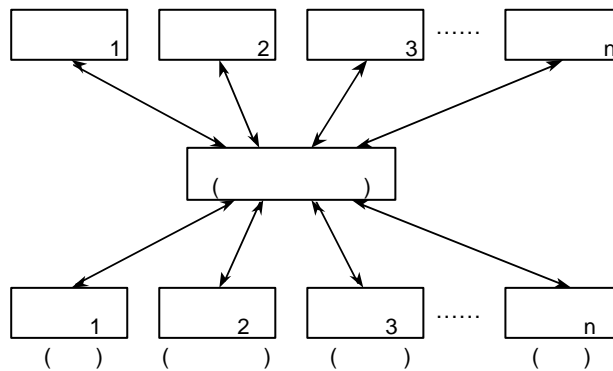
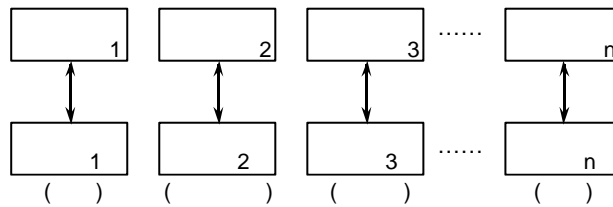
## □ (Data Dependency)

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## □ (Data Redundancy)

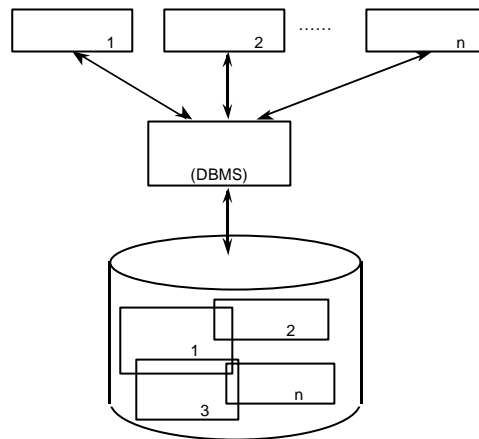
— 가

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◆ (consistency):  
◆ (integrity):  
◆  
◆



### 3.2 DBMS

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### 3.3 DBMS

- (Definition)

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- - ◆ DBMS가
  - ◆
  - ◆ (mapping)

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□ (Manipulation)

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◆  
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가 가

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□ (Control)

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(concurrency control)

### 3.4 DBMS

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(backup)

(recovery)

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### 3.5 (Data Independency)

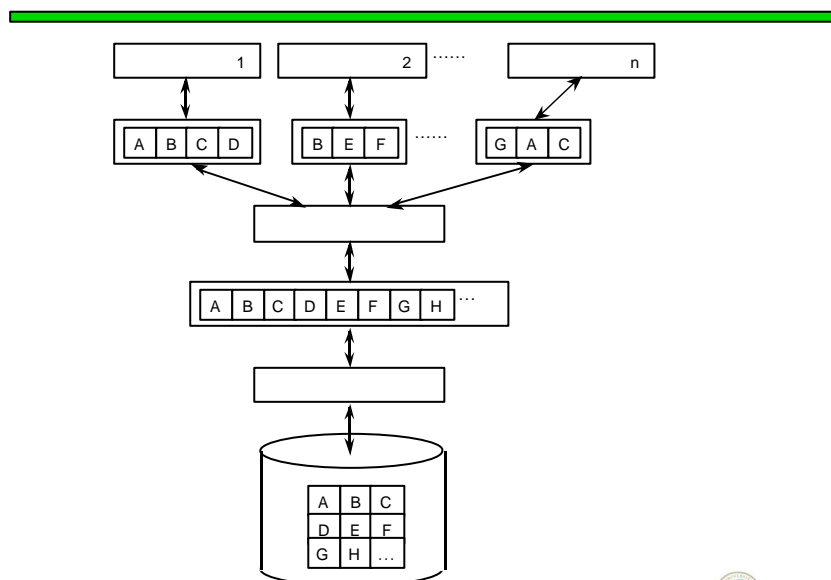
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