

# ERD Notation

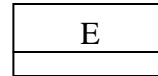
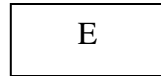
## Basic Notation

### Meaning

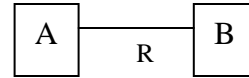
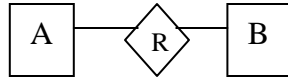
### Old Style

### New Style

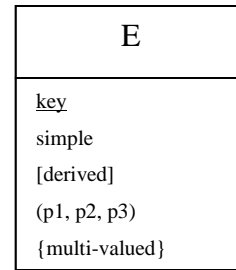
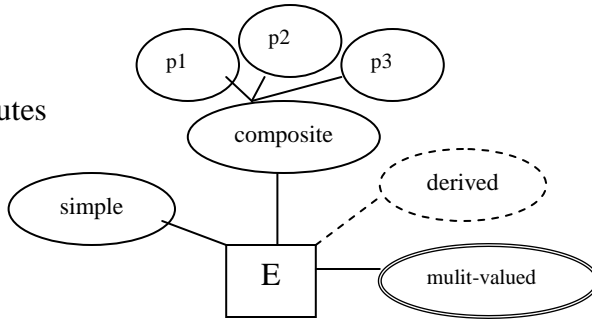
Entity



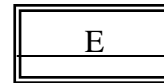
Relationship



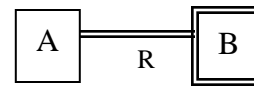
Attributes



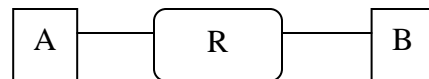
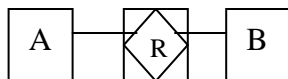
Weak Entity



Identifying Relationship Type



Associative Entity



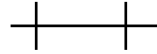
## Cardinality and Participation Constraints

Meaning

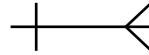
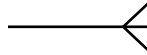
Old Style

New Style

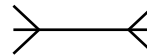
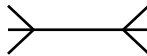
1:1



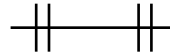
1:M



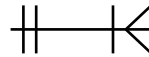
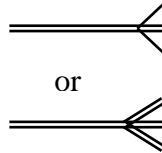
M:M



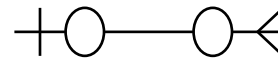
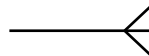
Mandatory 1:1



Mandatory 1:M



Optional 1:M



Mandatory M:M

