

# ERD Notation

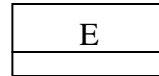
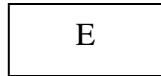
## Basic Notation

Meaning

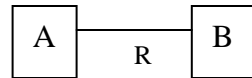
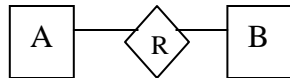
Old Style

New Style

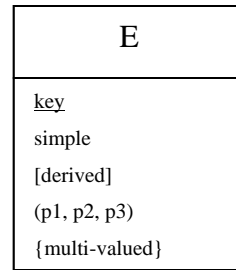
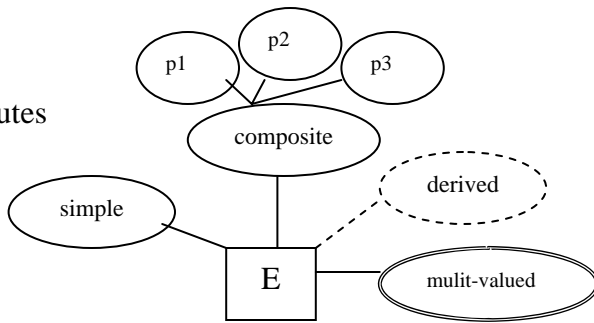
Entity



Relationship



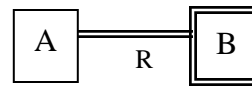
Attributes



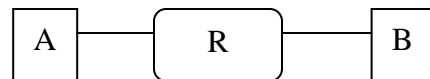
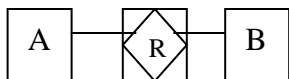
Weak Entity



Identifying Relationship Type



Associative Entity



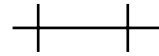
## Cardinality and Participation Constraints

Meaning

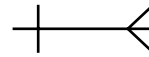
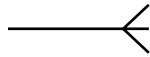
Old Style

New Style

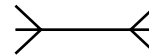
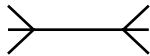
1:1



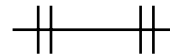
1:M



M:M



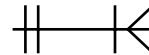
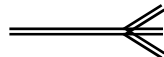
Mandatory 1:1



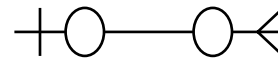
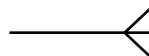
Mandatory 1:M



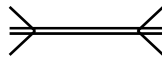
or



Optional 1:M



Mandatory M:M



or

