ERD Notation
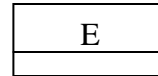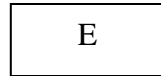
Basic Notation

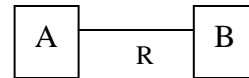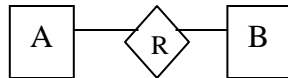| Meaning	Old Style	New Style
Entity	E	E

Relationship

A —⟨R⟩— B   A — R — B

Attributes

p1 p2 p3
composite
simple   derived
E   mulit-valued

E
key
simple
[derived]
(p1, p2, p3)
{multi-valued}

Weak Entity

E   E
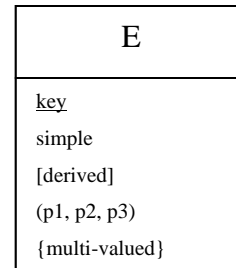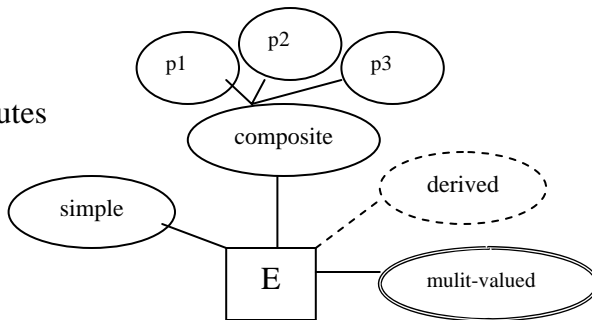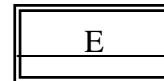
Identifying Relationship Type

A —◇R◇— B   A = R = B
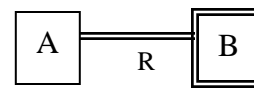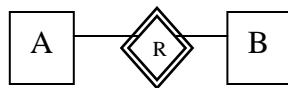
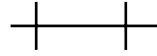Associative Entity

A —◇R◇— B   A — R — B
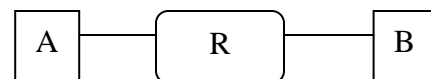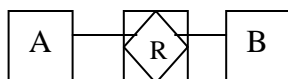
Cardinality and Participation Constraints
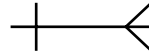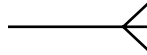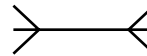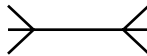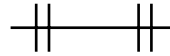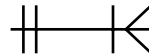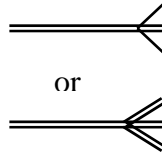
Meaning	Old Style	New Style
1:1		
1:M		
M:M		
Mandatory 1:1		
Mandatory 1:M	or	
Optional 1:M		
Mandatory M:M	or	