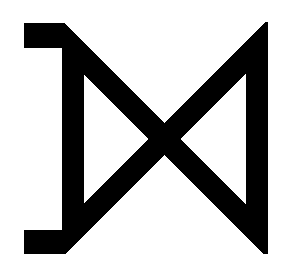
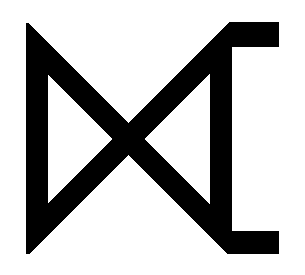
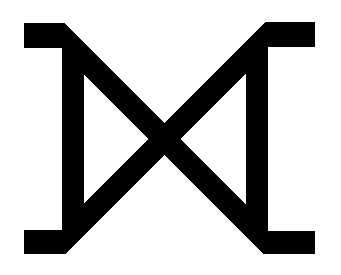
Relational Algebra Symbols  
  
σ (Selection) - Conditional expression for limiting the tuples  
π (Projection) - Selecting attributes for a relation and also for extended projection with 🡨   
 (Join) – Natural Join or with a condition for Theta join  
ρ (Rho) – Rename attributes or relations as a result of a join

Set operations  
  
 (Union)   
∩ (Intersection)

- (Difference)

## Extended operations

γ (gamma) – Grouping operator  
δ (delta) – Remove duplicate tuples  
τ (tau) – Sorting operator  
 - Left outer join   
 - Right outer join  
- Full outer join  
┴ (null)