Relational Algebra Special Characters

With the exception of the outer join symbols, all the symbols you need are available in the Microsoft Word equation editor (for .docx files). The outer join symbols are pictures to be cut-and-pasted.

Unary operators

Selection $σ$

Projection $Π$

Aggregate function $G$

Binary operators

# Union $∪$

## Intersection $∩$

Difference −

Cartesian product $×$

Division $÷$

Rename $ρ$

 Natural Join $⋈$

 Theta Join $⋈\_{condition}$

 Left Outer Join 

# Right Outer Join roj

# Full Outer Join foj

 Antijoin $⊳$

# Logic Symbols

Logical AND $∧$
Logical OR $∨$

# Logical NOT $¬$

Other

 Null $ω$