Latex Cheat Sheet

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1 Relational Algebra

Operator	Symbol	LATEX
select	σ	\sigma
project	π	\pi
union	$\cup$	\cup
set difference	-	-
Cartesian product	$\times$	\bigtimes
rename	ρ	\rho
equals	$=$	=
not equals	$\neq$	\neq
greater than or equal to	$\geq$	\geq
less than or equal to	$\leq$	\leq
greater than	$>$	>
less than	$<$	<
subscript	$a_{subscript}$	a_{subscript}
temporary assignment	$\leftarrow$	\leftarrow
division	$\div$	\div
natural join	$\bowtie$	\bowtie
aggregate functions	g	\(g\)

2 Relational Calculus

Operator	Symbol	LATEX
curly brace	{}	\{ \}
pipe	$\mid$	\mid
there exists	$\exists$	\exists
for all	$\forall$	\forall
in	$\in$	\in
and	$\land$	\land
or	$\lor$	\lor
not	$\neg$	\lnot