Renaming

Our text uses form

$\rho(R(\bar{F}), E) \equiv \rho_{R(\bar{F})}(E)$

for relational expresson E

returning relation R with fields in renaming list $\bar{F}$ renamed:

oldname $\rightarrow$ newname
or
position $\rightarrow$ newname

Also can just rename whole relation: $\rho_R(E)$

R is new name for result of E

E is often simply relation name.