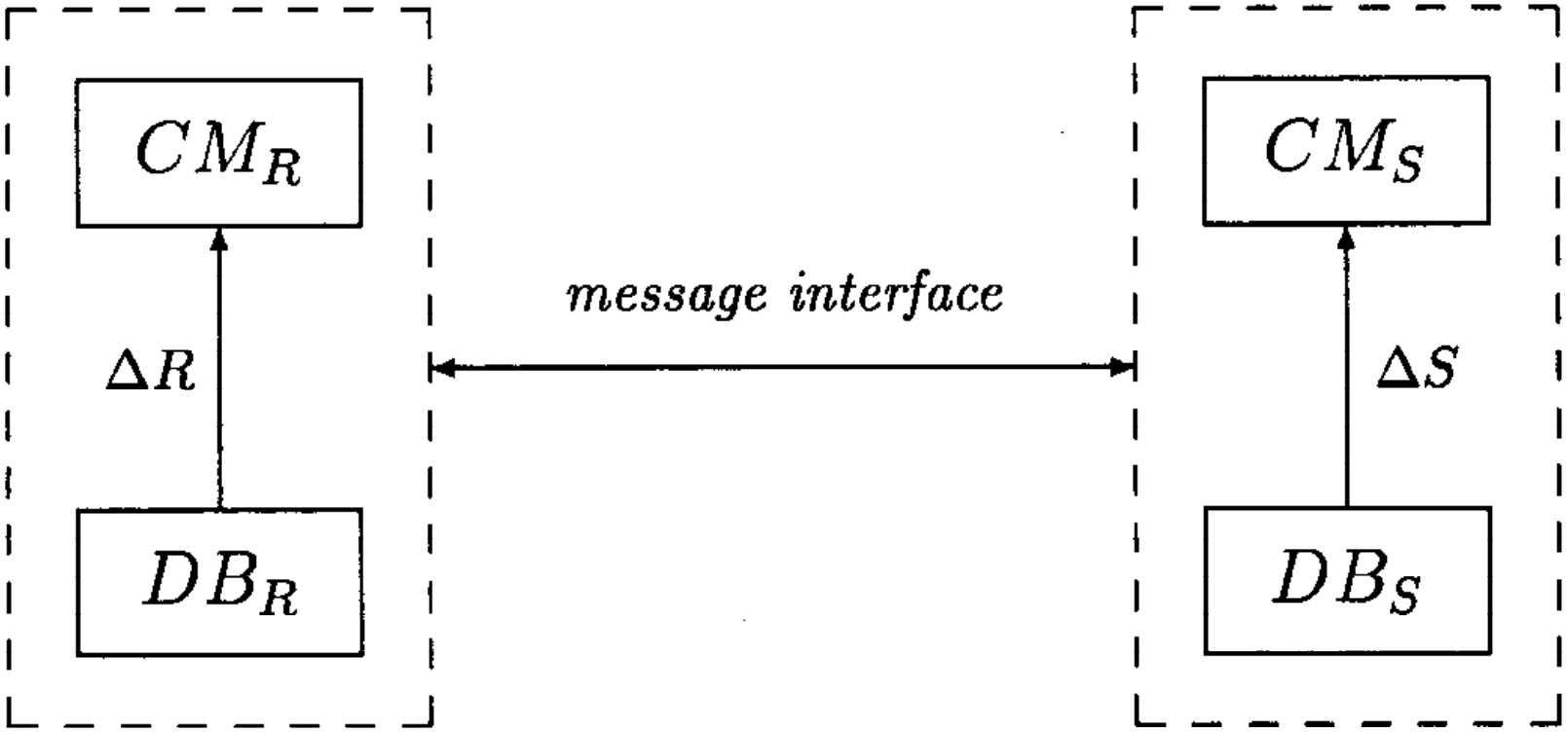
CM_R
ΔR
DB_R
message interface
CM_S
ΔS
DB_S