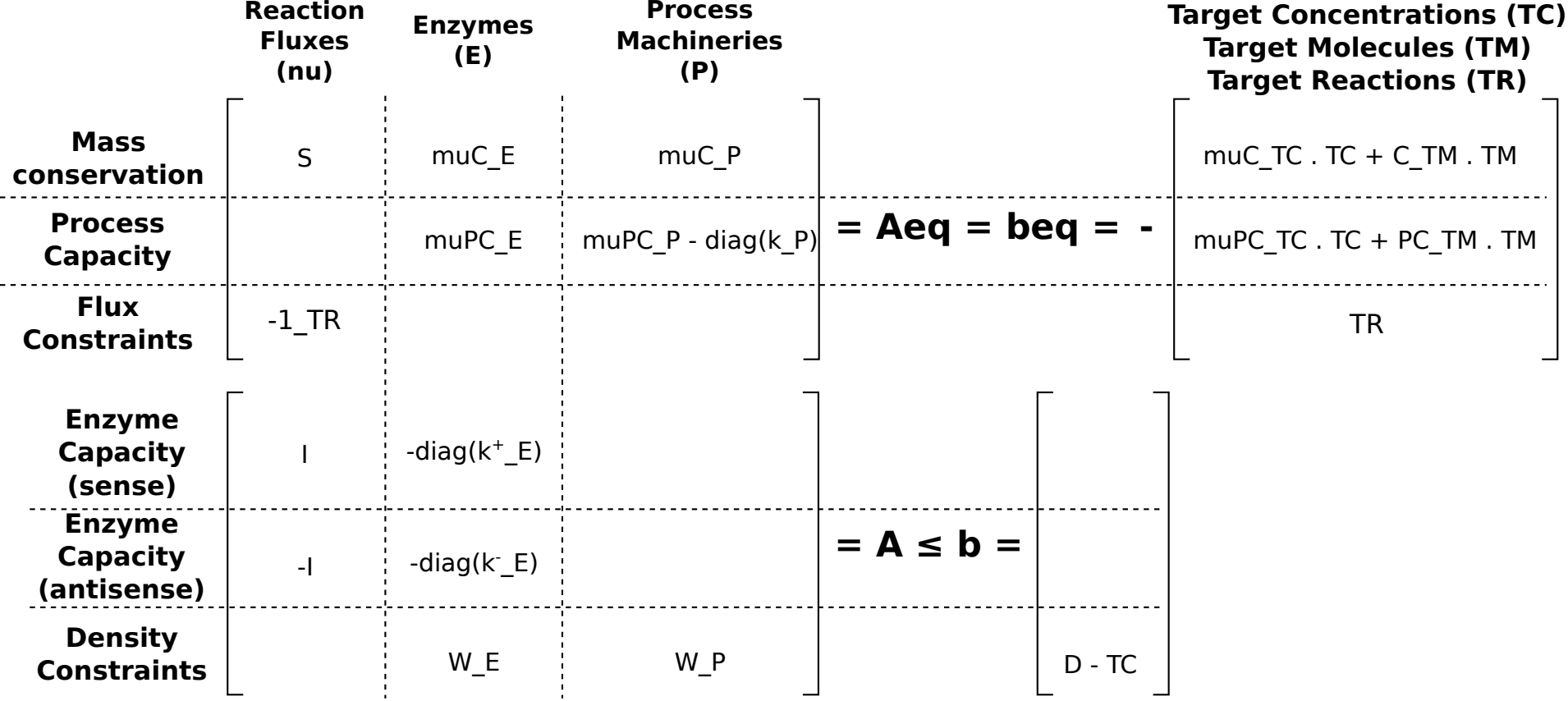

Blocks needed:

S: stoichiometry matrix.
C_E, PC_E, W_E, k_E: composition, processing cost, weight and capacity of enzymes.
C_P, PC_P, W_P, k_P: composition, processing cost, weight and capacity of process machineries.
D: density limits for every compartment.
C_TC: composition of molecules whose concentration needs to be kept at a certain value.
TC: vector of concentrations of molecules that need to be kept at certain value.
C_TM: composition of molecules which are generated at a given flux.
TM: vector of fluxes of molecules.
1_TR: indicator matrix of reactions whose flux is set to a fixed value.
TR: vector of set reaction fluxes.