Lam – “time-resolved simplified chemical kinetics modeling using csp”

Example:

is relate to jacobian, but slightly different

Lamb jacobian

the m-th row of is the m-th left eigen(row) vectors of the matrix

is the m-th eigen value of

Alternate representation

Importance Index



Importance of the 1st reaction group to the 1st reactant



Importance of the 1st reaction group to the 2nd reactant



Importance of the 1st reaction group to the 3rd reactant



Importance of the 2nd reaction group to the 1st reactant



Importance of the 2nd reaction group to the 2nd reactant



Importance of the 2nd reaction group to the 3rd reactant



Importance of the 3rd reaction group to the 1st reactant



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