How to calculate [m] concentration of third body

Sometimes just the total molar concentration, sometimes uses third body efficiencies

How does chemkin do reverse reactions? Does it have the gibbs free energies?

Can caclate gibbs from thermodynamics data

Different reactors, const P -> use change in gibbs etc?

how to actually start differentiating these equations

need to look at ruiqins psr anal jacobian

paper: lamb csp 1989

just do entire simulation with my own therm data instead of chemkin

do partial derivative of [M], look at ruiqin psr anal jacobian

[M] is a function of everything?

Definition of [M], ??\

Third body efficiencies

Perturb really small value?

Smaller the better?

What is why is zero?

Jacobian very stiff, hard to get eigen value accurate

G written out and

Ajact – give you

Detailed governing equation chemical source term, take derivative of it

0D

Constant volume/pressure/adiabatic?

Why y and T sometimes and y P T others?