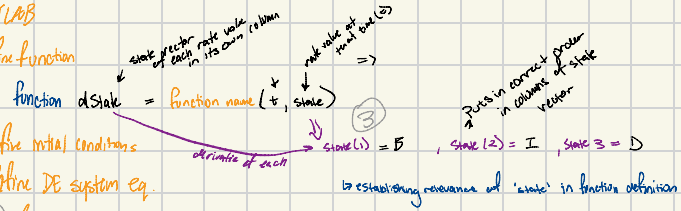
Hi Option Notes

MATLAB

1) define function



4) define DE system eq.

5) define dstate

$$dstate = \left[\frac{dB}{dt}; \frac{dI}{dt}; \frac{dD}{dt}\right]$$

end

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define span of t

tspan = [#, #];

define initial conditions as one vector

[-; -; -] => so it can be defined w/ ode45 in MATLAB

define solutions in terms of 'solution' in ode45 line

B_sol = solution(:, 1)

↳ B solutions are all rows in column one of solution matrix

Solutions in matrix b/c of 'initials' vector