Problem2

8.1&8.2

8.1.

exacording to faw of ewas action: $V(E) = k_{5}[ES] + k_{2}[ES] - k_{1}[E][S]$ $V(S) = k_{2}[ES] - k_{1}[E][S]$ $V(ES) = k_{2}[ES] - k_{2}[ES]$ $V(ES) = k_{3}[ES] - k_{2}[ES]$ $V(ES) = k_{3}[ES]$

The Code has been upwaded to Github, et thereshold of 0.000/ is preset which implies if the diff of two derivation is smaller chan 0.0000/, the diff of two derivation is smaller chan 0.0000/, the assumption to say the expentrations of all four subtrates are stable when the rate of change is small. excording to the output, eventual concentration of. E. S. Es. p will be a 597/147, 9.5470100, 0.4028853, and onstruction, and the result is likely to be not the truth.

Correct, they are 0.927090, 0.577500, 0.072910 and 9.349590 respectively unit is My kind of weind number

8.3 It turns out the maximum reaction speed will converge to approximately 140ug/min.

