Assignment-2

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Now

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[X] = Total countration of X metabolite

[X] U = Unlabled consent sation of metabolite

[X] = labeled conventsation x mot abolite

$$\frac{1}{5}$$
 $\frac{1}{5}$
 $\frac{1$

Whole X1 = [DHAP] X3 = [2,3 DPM] XS

XS = [PEP]

X2=[13DPG] X4 =[3PG]

X6 = [PYR]

and [X] u + [X] L = [X] Le condition to he on steely

b) For
$$x_1$$
 | For x_2 | For x_3
 $fo+f_1 = f_2+f_3$ | $f_3+f_4 = f_5+f_6$ | $f_6+f_7 = f_8+f_9$
For x_4 | For x_5 | For x_6

fo+ fa= f10+f11 | f11+f12=f13+f14

fixt fis= fib

 $\frac{dX_1}{dt} = f_1 - f_{x}(X_1/X_1^T)$ where $f_{x} = f_0 + f_1$ = $f_{x} + f_{y}$ The equation gives the decaying of unlabled set one metabolite with sight to time. Or it is table the sate of disappears of nearless!

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