exponential growth; 14 Jan 202

NO DEPLETION OF SUSCEPTIBLES forget about death recovery (for now) 1(2-8) = 10 mean interious period

(gas molecule)
there of contacts & S, I always assume out-flow is by default that PER CAPITA

2 dim system? = B(N-I)I N= S+I: S - N-I のないと 9 H disease - free

(UNBIOLOGICAL!) Z"Z

endemic

moderate TES: (eg gradratic, Bernoulliags) EVBEYTHING else: most models in biology | dI = I. f(s,I) 0< 56 0=(0'I)\$] NOTES: sal'n by partial fractions. (I's)T SOLUTION: Need numerical LOGISTIC we can establish equilibria, local asy of > ) positive. bifurcation analysis (2D or 3D - phase planes) growth model. time

EASY duff egs: (linear)

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