

Time to weard the concentration at the wounder

C(L) teff) = 0.00560

Evanlanding the sears at s=1, $sm\left(\frac{(2n+1)(n)}{2}\right)=1/3$,

 $C(L_{j}A) = C_{0} \frac{4}{\pi} \sum_{n=0}^{\infty} \frac{(-1)^{n}}{2n+1} \exp\left(-\frac{(2n+1)^{2} n^{2} D J}{4L^{2}}\right)$

40

 $\frac{4}{1} \sum_{m=0}^{\infty} \frac{(-1)^m}{2m+1} \exp\left(\frac{-(2m+1)^2 n^2 D t_{eff}}{4 L^2}\right) = 0.005$

Approximating for n=0, we get LC(L) t) $= (6 \times \frac{1}{\pi} \exp(-\frac{N^2 Ut}{4L^2})$

 $0.00S = \frac{4}{n} \exp\left(\frac{-n^2D + \epsilon_{t}}{4L^2}\right)$

 $\frac{d_{eff}}{n^2 D} \frac{dn \left(\frac{4}{0.005n}\right)}{\frac{4}{n^2 D}} \frac{1}{dn} \left(\frac{4}{0.005n}\right)$

Lest the patch hold a dotal active was M The instantaneous if we into the would be Tlot) = -DBC | 3=1*

The stotal mass delineded lipto stone it us- $\sim(4) = A/^{t} J(t) dc$ Cutine A de the conses-secutional anea of the gol. mltfaml) = M After a short nutrial transient, the concentration profile boomes about linears (D) = (11-2) = 20 2-6 . Tes & Dico constant in time. Thus, M = AJSI Hand = Allo Hural → Harad to ML ADCo. Many with Lite or back they are but the the state of waters of