i stota ni ai tont Chilidodorg ent ai (t); IT is it soft chilidodonge ent (oulgr) no to net go some stote K (K + i) at time t and move to 1 1-241 + 1-291 + 1-291 + in Dt T; (+ + D+) = P[x(++0+)=i|x(+)=i]P[x(+)=i] + SP[x(++0+)=i1x(+)=k]P[x(+)=k] $\eta_{i}(t + \Delta t) = \eta_{i}(t) \left(1 - \sum_{i=1}^{N} q_{i}(t) \Delta t \right) + \sum_{i=1}^{N} q_{ki}(t) \Delta t \eta_{k}(t)$ Mitt) - & 911(4) D+ Mitt) + & 91/1(4) D+ MK(H) $q_{ii}(t) = -\sum_{i \neq j} q_{ii}$ $q_{ii} \Delta t \pi_{i}(t) + \sum_{k \neq j} q_{ki}(t) \Delta t \pi_{k}(t)$ Eqx: (+) DTTK(+)

$$\lim_{\Delta + + 0} \frac{\pi_{i}(t + \Delta t) - \pi_{i}(t)}{\Delta t} = \lim_{\Delta t \to 0} \left(\sum_{k \in \mathcal{K}} \frac{q_{ki}(t) \pi_{k} p^{k}}{\Delta k} \right) \longrightarrow \frac{\lambda \pi_{i}(t)}{\Delta t} = 0$$