① $\frac{dN}{dt} = f(N) = 0$

A) $N(t+1) = N(t) + N(t-1)$

$\bar{N} = \bar{N} + \bar{N}$

pontos de eq: $\frac{dN}{dt} = 0$ $\quad f(N) = 0$

B) $N_{t+1} = f(N) \rightarrow \left| \frac{df}{dN}\Big|_{\bar{N}} \right| > 1 \rightarrow$ instável

$< 1 \rightarrow$ estável

$\frac{dN}{dt} = f(N) \rightarrow \frac{df}{dN}\Big|_{\bar{N}} > 0 \rightarrow$ instável

$< 0 \rightarrow$ estável

$\frac{df}{dN}\Big|_{\bar{N}} \begin{cases} > 0 \\ < 0 \end{cases}$

(3) A)

p^2	$2pq$	q^2
BB	Bb	bb
Azuis		Rosa
3291		25

p = freq do B

q = freq do b

w_{BB} — w_{Bb} — } $f_T = 1$

w_{bb} — $f_t =$

B)

C) $p' = \dfrac{p^2 w_{BB} + 2pq w_{Bb}/2}{\bar{w}}$ (Total)

$q' = \dfrac{q^2 w_{bb} + 2pq w_{Bb}/2}{\bar{w}}$

Fenotipos:

Azuis Rosas