



3
$$dv(t)$$
 = 1 dt = 2085 (2(tt) - 0.4 $v^2(tt)$ - 228)

en un parto do equilibrio:

 $\overline{U} = 0.4\overline{v}^2 - 228 = 0$ (Sip or. $\overline{U} = 400$)

 $\overline{V} = \sqrt{200} = 2007$
 $\frac{2f}{9u} = \frac{1}{2095} / \frac{2f}{9v} = \frac{1}{2085} (-0.8v) / = \frac{16.56}{2085}$
 $\frac{d}{dt} (5v) = \frac{16.56}{2085} 5v + \frac{16.56}{2085} 5u$
 $\frac{\Delta v}{\Delta v} = \overline{q(s)} = \frac{1}{2095} \frac{1}{5} + \frac{16.56}{2095} \frac{1}{5} + \frac{16.56}{2095}$