The dynamics of asset-holding: $a(t) = n(t) \cdot \pi(t) + n(t) \cdot \dot{v}(t) + w(t) - cr(t),$ income gain | Capital gain | Tabor | Expenditure |
from firms / ton firms / varieties | varieties a(t) = n(t) v(t)å(t)=n(t) v(t) t n(t) v(t). $\dot{n}(t) = \dot{a}(t) - n(t)\dot{v}(t)$ $= \frac{n(t)\pi(t) + w(t) - \operatorname{Cr}(t)}{n(t)}$ Substitute (2) into (): à(t)=n(t)\u03c7(t)+w(t)-er(t)+n(t)v(t) $= (\pi(t) + \dot{v}(t)) n(t) + w(t) - er(t)$ $\frac{\mathcal{N}(t)}{\mathcal{N}(t)}$ $= \frac{\pi(t) + v(t)}{v(t)} \alpha(t) + w(t) - e_r(t)$ Let $r(t) = \frac{\pi(t) + \dot{v}(t)}{v(t)}$, then a(t)= r(t) a(t) + w(t) - er(t).