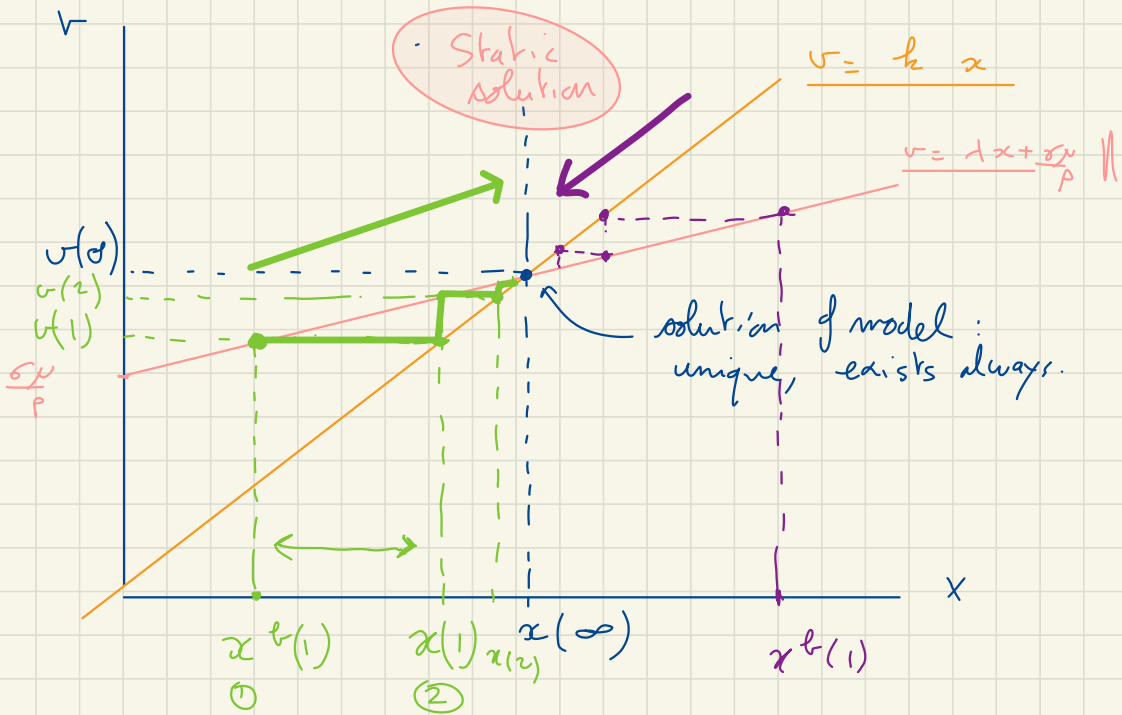


Convergence to the Model Solution

Pascal Michailat
<https://pascalmichailat.org/c2/>

Solution of model with $p=0$ & $\gamma=1$



Discrete time

- At time $t=1$, households expect $x^e(1)$
- Households max. utility given $x^e(1)$
 - $\hookrightarrow v(1) = \lambda x^e(1) + \frac{\sigma \nu}{p}$
 - $\hookrightarrow x(1) = \frac{v(1)}{k} = \left[\lambda x^e(1) + \frac{\sigma \nu}{p} \right] \frac{1}{k}$
- At time 2, households expect $x^e(2) = x(1)$

- Households max utility given $x^t(z) = x^t(1)$

utility $t \rightarrow \sigma$