## **Dynamics of the Model**

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Dynamics of the model Keny deferential equation: Euler equation describing 8(t) = [8 - T(t)] 8(t) - 0 ( w(t) - w(t)) · T(t) = t (inflation + Montimal interest nate

are fixed) · homogeneous housebolds -> hold same wealth -> w(+) = \tau (+) Eulen equation n'implifie to.  $V(t) = |s-r| V(t) - \sigma'(0)$ (E-1) (- 6/0) SOURCE Cutical point

Young to 010) at (=0

V is a cootate variable, determined by consumption () mon- pre deter mined voriable ( it can jump at t) Although V, c are given by a deferential equation -> T, c directly jump to cutical
point of dynamical pystum at t= 0 -> no transtion to critical point, transition is A+ += > \ \ = \ \sigma(0)/[\sigma-7] \ and consumption is given by:  $C = \begin{bmatrix} \xi - \Gamma \\ \sigma'(0) \end{bmatrix}$ O C C Z D (interia