## Households as Consumers

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Utility fundrion: - C : consumption of services - m/p real money balances · m mominal money balance · p price level -> real wealth - wealth in the utility fundin Justification Ja (real) wealth in the utility wealth in part, cular b/c / power the Neuro scient, Jic undence that we all, itself provides which they imdependent of compunion it can buy to camerer, Loewenstein, Prelic, 2005 ] Household's whility function  $u(c, m) = x \cdot c^{\frac{2}{2}} + \frac{1}{1+x} \left(\frac{m}{p}\right)^{\frac{2}{2}}$ X > 0 taste for source relative to creath ligh x - ; services are more valued E> 1. elas vicitor of substitution b/w consumpliar
lead money balances

Budget constraint m to purchase money

(at price of 1)

C x [ 1+ T(x)] x p to purchese

mardning mardning to its of Expenditure wedge = # matching 1 service service consumed N >0 endowment of movey Income. · k × f(x) × p income from solling services P = price of one service - le x f(x) = # arres add - Cx (1+ T(x)) = # service purchased Budget condraint income = expenditure  $y + p \cdot f(x) = m + p \cdot [1 + \tau(x)] \subset$ matching wedge
Walsanian wald T(x)= U
matching wald, T(x)>U selling probability
Walnaman world f(x) = 1
marching world f(x) = 1