Econ 7020: Macroeconomic Theory I

University of Colorado, Boulder - Fall 2014 Tue-Thu, 9:30am-10:45am, Economics 119

Instructor: Giacomo Rondina Economics 14A, giacomo.rondina@colorado.edu TA: Javier Andres-Santiago

Economics 12A, Javier.AndresSantiago@colorado.edu at e learn to formulate ansers to imortant macroeconomic uestions, and to understate imlications that the the

Your n r , nt , ss 🏞 , , t r n s 🏞 t v r , o our r , nt , pro. , s ts

Dynamic Methods (I)

Conv, Constr n, pt f ton n t, "t n u, r, or, App. ton , ro E ono , ro Consu, rs ro., 'ust tut on Ino, n, t E, ts G, n, r Equ. ru A ur, E. n, E ono G, n, r Equ. ru A rout on E ono . pt f ton in In nt, Hoff on

The Neo-Classical Growth Model (Ramsey-Cass-Koopmans)

nn res ro. 't, 't t, An ss D n An ss , r n nt n por r o s

. App. tons

Const nt' v n $t_1 t_2$ o $r \to 0$, opu t on Gro $r \to n$, no $r \to 0$, En o_1 nous Gro $r \to A^{-1} o_1$

. Co p t t v Equ r u F rst n ', on ,
$$\ensuremath{ \ensuremath{ r}}$$
 , or

 App . tons

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Hu n C p t
on stort on r , s n t , r n Equ v , n ,
D stort on r , s t_{i} t t An s s
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, H_it_iro, n_it n A r_i ton

Dynamic Methods (II)

- t_1 , t_2 , r_1 , $n r_1 s$ Co $p_1 t_1$, tr_2 , $p_{-1} s$, Contration, $pp n_1$, or_1 , n B, r_1 , $s^2 u_{-1}$, nt Cont ons, or ort_1 , u
- , Dn, ror n

Est_n, or y Funton t, rn p, or pt t

Cr.t p ton o q Funton, onoton, t Con vt n D, r nt. t to st. Dn, ror n

Markets

Co $p_1 t_1 \cdot r_1 t_3$ Arro $D_1 \cdot r_1 u \in ono$ $\cdot qu_1 nt r n$ $\cdot urs v_1 Co p_1 t t v_2 Equ_r u$

. Assit r.n

. In o p t , r ts , v r pp n G n r tons , o , s