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NOTE ** L LYF2,K=LYF2,J*(DT) (LYF2R,JK)
NOTE ** ..INSERT:
NOTE ** N LYF2=1
NOTE ** R LYF2R,K=CLIP (LYF2,K*LYCH,K,0,TIME,K,PYEAR)
NOTE ** A LYCH,K=TABUL (LYCH,DPF=PR,K,0,1,1)
NOTE ** T LYCHT=0/.05
NOTE ** C DPF=3
NOTE ** IN ORDER TO MODEL POLLUTION CONTROL...
NOTE ** ..CHANGE:
NOTE ** A PPGF,K=CLIP (PPGF2,K,PPGF1,TIME,K,PYEAR)
NOTE ** L PPGF2,K=PPGF2,J*(DT) (PPGF2R,JK)
NOTE ** ..INSERT:
NOTE ** N PPGF2=1
NOTE ** R PRATE,K=CLIP (PPGF2,K*POLGPM,K,0,TIME,K,PYEAR)
NOTE ** A POLGPM,K=TABUL (POLGPM,1=PPOLX,K/DPOLX,-1,0,1)
NOTE ** T POLGPMT=-.05/0
NOTE ** C DPOLX=1
T FCAORZT=1/.2/.1/.05/.05/.05/.05/.05/.05/.05
T LMYZT=1.2/.1/.9/.8/.75/.7/.67/.64/.62/.6
T LYMAPZT=1/.1/.98/.95
RUN FIGURE 7-24: ADAPTIVE TECHNOLOGICAL POLICIES
NOTE ** MAKE THE SAME EDIT MODE CHANGES AS IN FIGURE 7-24
T FCAORZT=1/.2/.1/.05/.05/.05/.05/.05/.05/.05
T LMYZT=1.2/.1/.9/.8/.75/.7/.67/.64/.62/.6
T LYMAPZT=1/.1/.98/.95
T NRCHT=-.02/0
T LYCHT=0/.02
T POLGPMT=-.02/0
RUN FIGURE 7-26: 24/YEAR UPPER LIMIT ON TECHNOLOGICAL GROWTH
NOTE ** MAKE THE SAME EDIT MODE CHANGES AS IN FIGURE 7-24, AND
NOTE ** IN ORDER TO MODEL TECHNOLOGICAL COSTS...
NOTE ** ..CHANGE:
NOTE ** A ICOR2,K=TABUL (ICOR2,K,ICOR1,TIME,K,PYEAR)
NOTE ** A ICOR2,K=TABUL (ICOR2T,NRUF,K,0,1,2)*COPI,K*COPI,K
NOTE ** ..INSERT:
NOTE ** T ICORZT=6/3.1/3.1/3.06/3.02/3
NOTE ** A COPI,K=TABUL (COPI,PPGF2,K,0,1,2)
NOTE ** T COPIH=2/1.1/1.05/1.02/1.01/1
NOTE ** A COPI,K=TABUL (COPI,LYF2,K,1,9,2)
NOTE ** T COPIH=1/1.1/1.25/1.5/2
T FCAORZT=1/.2/.1/.05/.05/.05/.05/.05/.05/.05
T LMYZT=1.2/.1/.9/.8/.75/.7/.67/.64/.62/.6
T LYMAPZT=1/.1/.98/.95
RUN FIGURE 7-27: ADAPTIVE TECHNOLOGICAL WITH COSTS
NOTE ** THE FOLLOWING CHANGES MUST BE MADE IN EDIT MODE:
NOTE ** IN ORDER TO MODEL DELAYED RESOURCE CONTROL...
NOTE ** ..CHANGE:
NOTE ** A NRUF,K=CLIP (NRUF2,K,NRUF1,TIME,K,PYEAR)
NOTE ** A NRUF2,K=DLINF3 (NRUF,K,TDO)
NOTE ** ..INSERT:
NOTE ** C TDO=10
NOTE ** L NRUF,K=NRUF2,J*(DT) (NRUF2R,JK)
NOTE ** N NRUF2=1
NOTE ** R NRATE,K=CLIP (NRUF2,K*NRCH,K,0,TIME,K,PYEAR)
NOTE ** A NRCH,K=TABUL (NRCH,1=NRUR,K/DRUR,-1,0,1)
NOTE ** T NRCHT=-.05/0
NOTE ** C DRUR=2E9
NOTE ** IN ORDER TO MODEL DELAYED YIELD CONTROL...
NOTE ** ..CHANGE:
NOTE ** A LYF,K=CLIP (LYF2,K,LYF1,TIME,K,PYEAR)
NOTE ** A LYF2,K=DLINF3 (LYF2,K,TDO)
NOTE ** ..INSERT:
NOTE ** N LYF2=1
NOTE ** R LYF2R,K=CLIP (LYF2,K*LYCH,K,0,TIME,K,PYEAR)
NOTE ** A LYCH,K=TABUL (LYCH,DPF=PR,K,0,1,1)
NOTE ** T LYCHT=0/.05
NOTE ** C DPF=3
NOTE ** IN ORDER TO MODEL DELAYED POLLUTION CONTROL...
NOTE ** ..CHANGE:
NOTE ** A PPGF,K=CLIP (PPGF2,K,PPGF1,TIME,K,PYEAR)
NOTE ** A PPGF2,K=DLINF3 (PPGF2,K,TDO)
NOTE ** ..INSERT:
NOTE ** L PTD,K=PTD2,J*(DT) (PTD2R,JK)
NOTE ** N PTD=1
NOTE ** R PTD2,K=CLIP (PTD,K*POLGPM,K,0,TIME,K,PYEAR)
NOTE ** A POLGPM,K=TABUL (POLGPM,1=PPOLX,K/DPOLX,-1,0,1)
NOTE ** T POLGPMT=-.05/0
NOTE ** C DPOLX=1
NOTE ** IN ORDER TO MODEL TECHNOLOGICAL COSTS...

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NOTE ** ..CHANGE:
NOTE ** A ICOR,K=CLIP (ICOR2,K,ICOR1,TIME,K,PYEAR)
NOTE ** A ICOR2,K=TABUL (ICOR2T,NRUF,K,0,1,2)*COPI,K*COPI,K
NOTE ** ..INSERT:
NOTE ** T ICORZT=6/3.1/3.1/3.06/3.02/3
NOTE ** A COPI,K=TABUL (COPI,PPGF2,K,0,1,2)
NOTE ** T COPIH=2/1.1/1.05/1.02/1.01/1
NOTE ** A COPI,K=TABUL (COPI,LYF2,K,1,9,2)
NOTE ** T COPIH=1/1.1/1.25/1.5/2
T FCAORZT=1/.2/.1/.05/.05/.05/.05/.05/.05/.05
T LMYZT=1.2/.1/.9/.8/.75/.7/.67/.64/.62/.6
T LYMAPZT=1/.1/.98/.95
RUN FIGURE 7-30: ADAPTIVE TECHNOLOGIES, COSTS, AND DELAYS
NOTE ** MAKE THE SAME EDIT MODE CHANGES AS IN FIGURE 7-30, AND
NOTE ** IN ORDER TO MODEL A BIAS TOWARD GROWTH...
NOTE ** ..CHANGE:
NOTE ** A NRCH,K=TABUL (NRCH,1=NRUR,K/DRUR,-1,0,1)*ICH,K
NOTE ** A LYCH,K=TABUL (LYCH,DPF=PR,K,0,1,1)*ICH,K
NOTE ** A POLGPM,K=TABUL (POLGPM,1=PPOLX,K/DPOLX,-1,0,1)*ICH,K
NOTE ** ..INSERT:
NOTE ** A ICH,K=TABUL (ICHT,1=IOPC,K/SMOOTH (IOPC,K,2)/IOPC,K,0,.05,.05)
NOTE ** T ICHT=0/1
T FCAORZT=1/.2/.1/.05/.05/.05/.05/.05/.05/.05
T LMYZT=1.2/.1/.9/.8/.75/.7/.67/.64/.62/.6
T LYMAPZT=1/.1/.98/.95
RUN FIGURE 7-32: GROWTH BIAS
NOTE
NOTE SOCIAL POLICY RUNS
NOTE
C ZPGT=1975
C FIGURE 7-34: DCP6=2 CHILDREN/FAMILY IN 1975
C ALIC2=21
C ALSC2=30
C FIGURE 7-35: CAPITAL LIFETIMES
T ISOPCZT=60/450/960/1500/1830/2175/2475/2700/3000
T IPFCZT=345/720/1035/1275/1455/1605/1725/1815/1875
C IPDZ=1975
T ISOPCZT=60/450/960/1500/1830/2175/2475/2700/3000
T IPFCZT=345/720/1035/1275/1455/1605/1725/1815/1875
C FIGURE 7-37: POPULATION POLICY AND OUTPUT CHOICES
NOTE
NOTE EQUILIBRIUM POLICY RUNS
NOTE
C ZPGT=1975
C IET=1990
C IPOCD=320
C NRUF2=125
T ISOPCZT=60/450/960/1500/1830/2175/2475/2700/3000
T IPFCZT=345/720/1035/1275/1455/1605/1725/1815/1875
C PPGF2=25
C ALIC2=21
C ALSC2=30
C FIGURE 7-38: EQUILIBRIUM THROUGH DISCRETE POLICIES
NOTE ** MAKE THE SAME EDIT MODE CHANGES AS IN FIGURE 7-30
T FCAORZT=1/.2/.1/.05/.05/.05/.05/.05/.05/.05
T LMYZT=1.2/.1/.9/.8/.75/.7/.67/.64/.62/.6
T LYMAPZT=1/.1/.98/.95
C ZPGT=1975
C IET=1990
C IPOCD=320
RUN FIGURE 7-39: EQUILIBRIUM THROUGH ADAPTIVE POLICIES
NOTE ** MAKE THE SAME EDIT MODE CHANGES AS IN FIGURE 7-30
T FCAORZT=1/.2/.1/.05/.05/.05/.05/.05/.05/.05
T LMYZT=1.2/.1/.9/.8/.75/.7/.67/.64/.62/.6
T LYMAPZT=1/.1/.98/.95
C ZPGT=2000
C IET=2000
C IPOCD=350
C PYEAR=2000
RUN FIGURE 7-41: POLICIES IN 2000

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