```
Loading pp2.f to buffer ... done
Loading r.pp2 to buffer ... done
f77 -c -O pp2.f -o pp2.o
pp2.f:
        func:
        stpnt:
        bcnd:
        icnd:
        fopt:
        pvls:
f77 -O pp2.o -o pp2.exe /local/scratch/auto/97/l

Starting pp2 ...


  BR    PT  TY LAB    PAR(1)        L2-NORM
   1     1  EP   1   0.00000E+00   0.00000E+00
   1    14  BP   2   6.00000E-01   0.00000E+00
   1    26  EP   3   1.20000E+00   0.00000E+00

  BR    PT  TY LAB    PAR(1)        L2-NORM
   2    16  BP   4   8.21904E-01   3.33334E-01
   2    19  LP   5   8.32929E-01   4.11162E-01
   2    50  EP   6   7.89288E-02   9.73173E-01

  BR    PT  TY LAB    PAR(1)        L2-NORM         U(1)
   2    47  EP   7   7.48418E-04   2.02109E+00  -2.02109E+00   0

  BR    PT  TY LAB    PAR(1)        L2-NORM         U(1)
   3    11  HB   8   6.71594E-01   4.94866E-01   3.33333E-01   3
   3    46  EP   9   6.40632E-03   2.01221E+00   3.33333E-01   1

  BR    PT  TY LAB    PAR(1)        L2-NORM         U(1)
   3    23  EP  10   1.20965E+00   1.00069E+00   3.33333E-01  -9

 Total Time    0.596E-01

pp2 ... done

Starting save ...
Saved fort.7 as p.pp2
Saved fort.8 as q.pp2
Saved fort.9 as d.pp2
Saving ... done


Starting plaut ...
Plotting p.pp2 and q.pp2 ...
```

AUTO97

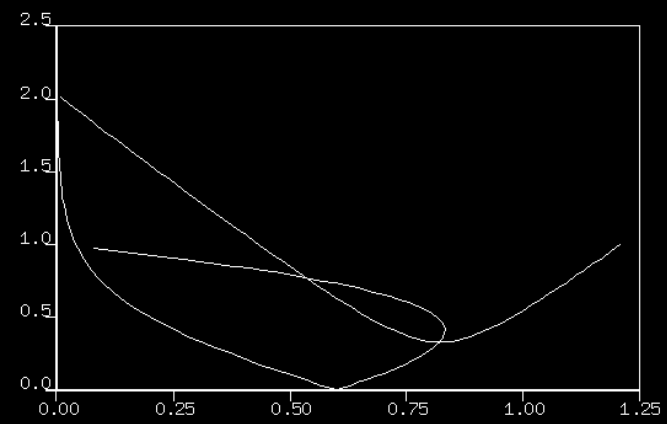
Equations Edit Write Define Run Save Append Plot Files Demos Misc

15:46

DefineConsts
Problem
Discretize
Tolerances
Step Size
Limits
Parameters
Computation
Output

LoadConsts
Previous
Default

```
C-----------------------------------------------------------------------
C-----------------------------------------------------------------------
C   pp2 :    Basic computations for continuous dynamical systems
C-----------------------------------------------------------------------
C-----------------------------------------------------------------------
C
      SUBROUTINE FUNC(NDIM,U,ICP,PAR,IJAC,F,DFDU,DFDP)
C     ---------- ----
C
      IMPLICIT DOUBLE PRECISION (A-H,O-Z)
      DIMENSION U(NDIM),PAR(*),F(NDIM)
C
       E=DEXP(-PAR(3)*U(1))
       F(1)=PAR(2)*U(1)*(1-U(1)) - U(1)*U(2) - PAR(1)*(1-E)
       F(2)=-U(2) + PAR(4)*U(1)*U(2)
C
      RETURN
      END
C
      SUBROUTINE STPNT(NDIM,U,PAR)
C     ---------- -----
C
      IMPLICIT DOUBLE PRECISION (A-H,O-Z)
      DIMENSION U(NDIM),PAR(*)
C
       PAR(1)=0.0
       PAR(2)=3.0
```

tektronix(Tek)

ENTER COMMAND