

```

In[45]:= f[{a_, x_}] := {a, a*x*(1 - x)};
x0 = 1.0/E;
d = Flatten[Table[
  w = Nest[f, {a, x0}, 1000];
  NestList[f, w, 100]
, {a, 3, 4, 0.0001}], 1];
ListPlot[d]

```

Out[48]=

