

Modeling Chickens and Foxes

By Bradley Fox

KEY

1) (X,Y,Z) = chickens,
foxes, boats on starting
side of river

2) **STARTING STATE**

3) **VALID STATE**

4) **INVALID STATE**

Discontinue

(2,3,1)

(3,2,1)

(2,2,0)

(3,2,0)

(3,1,0)

(3,3,1)

(2,3,0)

Discontinue

(1,3,0)

Discontinue