Solve for: 
$$v_2 = \frac{1}{2}v_1 + 1$$
  
 $v_1 = \frac{1}{2}v_2$ 

$$v_1 = \frac{1}{4} v_1 + \frac{1}{2}$$
 $\frac{3}{4} v_1 = \frac{1}{2}$ 
 $v_1 = \frac{2}{3}$ 
 $v_2 = \frac{1}{3}$ 

Equations for primed variables would be:

Notice that substituting  $v_i = \overline{\lambda}(i)$  for all i satisties the equation.

In G': prob to reach n equals  $\widetilde{\lambda}(i)$  for both i and i'.

Switch 3 to 6.

2.

Switch 2 to 5  $G_{12}: \qquad \begin{array}{c} 1 \\ \\ \end{array}$   $\begin{array}{c} 1 \\ \\ \end{array}$ 

final strategy.

At ith skrahon: 1/2 + 1/22 2:

Will converge in the limit to 1.

IP: minimize  $x_1 + x_2 + \dots + x_6$ S.F.  $x_7 = 0$ ,  $x_8 = 1$   $x_6 = \frac{1}{2} x_7 + \frac{1}{2} x_8$   $x_5 = \frac{1}{2} x_6 + \frac{1}{2} x_8$   $x_4 = \frac{1}{2} x_5 + \frac{1}{2} x_8$   $x_3 \ge x_6$ ,  $x_7$   $x_2 \ge x_3$ ,  $x_5$   $x_1 \ge x_2$ ,  $x_4$ 

5. Similar to the proof the normal "switch-one" also done in class-