	1.0	0 11 1	h		
	Name:	Borathkrishna	Satheeshkun	iar	
0.041.1)					
Problem 1)					
1.2) Transition information:					
$\{\} \longrightarrow 1$ at 04285- 1 $\longrightarrow 2$ at 0.5342s	د ا				
1 -> 2 at 0 5342s					
2 -> 1 at 1 17598					
$2 \longrightarrow 1 \text{ at } 1.1759.8$ $1 \longrightarrow 2 \text{ at } 1.5608.8$ $2 \longrightarrow 1 \text{ at } 1.7917.3$					
2 - 1 2 1.79173					
· · · · · · · · · · · · · · · · · · ·					
2 -> 1 at 2 1388					
	1 10.11	1.+	1. 1 1. 2		1.
The ball goes back and	Joi CV	bu well moo	us 1 4 2 1	or a large n	umber
of whee in a short period of	une.	the time be	men each	transition reduce	and
The ball goes back and of times in a short period of the ball finally comes to a effect in action here	s.cop	er around 2.	JOS. WE C	uni apseme the	Zeno
your in a cum here.					
1.4)					
h = 0 0 4 s					
Initial mode: 35					
Transitions:					
{0,0} -> {1,0} of 0.445					
{1,0} → {1,1} at 0.5 2s					
{1,1} → {0,1} et 0.56s					
50,1} → {1,0} at 1.045					
{1,0} → {1,1} at 1.25					
Termination in mode \$1,13 at	t=33				
N = 0.083					
Initial mode: {}					
Transitions:					
{0,0} → {1,0} at 0.423					
$\{1,0\} \longrightarrow \{0,1\} \text{at} 0.54s$					
So. 12 -> S1.13 at 1.188					
{1,1} → {1,0} at 1.145					
$\{1,1\} \rightarrow \{1,0\}$ at 1.14s $\{1,0\} \rightarrow \{0,1\}$ at 1.44s $\{0,1\} \rightarrow \{1,1\}$ at 1.56s					
\$0,13 → \$1,1} at 1.568					
Termination in mode \$1,14 at	t=33				
h = 0.01 s					
Initial mode: §§					
Transitions:					
{0,0} = \$1,0} at 0.43.4					
$\begin{cases} 1,01 \rightarrow \{1,1\} & \text{at } 0.53 \text{ s} \\ 1,13 \rightarrow \{0,1\} & \text{at } 0.53 \text{ s} \end{cases}$					
$\{1,1\} \rightarrow \{0,1\}$ at 0.54 s $\{0,1\} \rightarrow \{1,0\}$ at 1.138					
\(\(\begin{array}{c} \) \(\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\					
\$0.1 → \$1.03 at 1.1.1					
$\{0,1\} \rightarrow \{1,0\}$ at 1.618 $\{1,0\} \rightarrow \{1,1\}$ at 1.688					
{1,1} → \$0,13 at 1693					
20,13 → 81,13 at 1.18					
Termination in mode \$1,13 at t	- 3 .8				
77.7					

