Jessica Moel & Jack Schniederhan

Problem Sex 4

"I pleage my honor that I have abided by the Stevens Honor System."

Problem 1

<u>a.)</u>		<u> </u>	2	3	Ч	5	6	7	8	9	
	1	m			X						Sign 13 May 11 acc point
	ג		My		×						Step 1: Mark off pairs of accept/reject States.
	3			m	×						This case is anything
	T				my	X	X	X	×	×	
	5					222					including 4.
	۵						24				
	ל							34			
	8								755		
	9									wy	

		١,	1 2		5	1 /_	l ₂	l c	l a
	ha		3		2				7
1	m		×	X		X		X	
a		My		×					
_		,	1-						
3			M.	X					
7				my	X	X	X	X	×
_	+		1	9		<i>'</i>			
5					Tra				
						24			
6	_		\Box	\perp	\	7			
ל						\	34		
8	+						١.	74.	
		\perp		\perp	\perp	\bot	\bot	۲	
9									m

_	1	2	3	4	5	6	7	8	9	
1	m	×	×	X		×		×		
a		My	×	X	×	×	×		X	Step 3) Repeat this pro-
3			M	X						Cess for an numbers
T				my	X	X	X	X	×	until there are 0 boxes
5					224					+0 'x" ou+.
6						N.				(8 \ 2, \ \ 3, \ 8 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
ל							74			(j=1,3-9)
8								24		
9									m	

	1	2	3	4	5	6	7	8	9
1	m		×	X		X		X	
Z		My	X	×	×	×	×		X
3			n	X	×		×	×	×
4				my	X	X	X	×	×
5					222				
6						M			
ל							Ty		
8								22	
9									m

	1	3	3	۱ 4	5	6	7	8	9
1	m	X	X	X		X		X	
٦ 2		My	×	×	X	×	×		X
3			n	×	×		×	×	×
				My		V			
7	+	-	-	M	X	X	X	X	×
5					The	X		×	
6						24			
ל							34		
8							\	74	
9								,	m

	1	2	3	4	5	6	7	8	9
1	m	X	×	X		X		X	
٦		M	X	×	X	×	×		X
3			m	X	×		×	×	×
7				my	X	X	X	×	×
5					224	X		×	
6						m	×	×	×
ל							34		
8								22	
9									m

• \	2	3	ч	5	6	7	8	9	
i m	×	×	X		X		×		
2	My	X	X	×	×	×		X	Step 7. Checking
3		m	X	×		×	×	×	(827,03,823,03
ч			my	X	X	X	X	×	j = (1-6, 8-9)
5				22	X		×		
6					24	X	X	×	
7						Ty	×	×	
8						1	74		
9						1	1	m	

	- \	2	3	7	5	6	₇	l ₈	٩	
1	m	×	×	×		×		X		6 tep 8) Checking
٦		My	×	×	×	×	×		X	(838,93, 835,03)
3			m	×	×		×	×	×	;=(1-7,93
ч				my	X	X	X	×	×	
5					224	×		×		
6						22	×	×	×	
ל							74	×	X	
8								225	×	
9									m	









