		alpha	(	[	)	]	eps
q0	Z0	q0, Z0	q1, X1 Z0	q1, X2 Z0			
	X1	q0, X1					
	X2	q0, X2					
q1	Z0	q1, Z0	q1, X1 Z0	q1, X2 Z0			q2, Z0
	X1	q1, X1	q1, X1 X1	q1, X2 X1	q1, eps		
	X2	q1, X2	q1, X1 X2	q1, X2 X2		q1, eps	
q2	Z0						
	X1						
	X2						

alpha denotes any symbol that is neither of (,), [,]

q0 is the initial state and q2 is the final state

q0 ensures that there is at least an open parantheses or bracket

q0	`a[2*(i+1)], (b[i] - 1)`	Z0
q0	[2*(i+1)], (b[i] - 1)	Z0
q1	2*(i+1)], (b[i]-1)	X2 Z0
q1	*(i+1)], (b[i]-1)	X2 Z0
q1	(i+1)], (b[i]-1)	X2 Z0
q1	i+1)], (b[i]-1)	X1 X2 Z0
q1	i+1)], (b[i]-1)	X1 X2 Z0
q1	"+1)], (b[i]-1)"	X1 X2 Z0
q1	1)], (b[i]-1)	X1 X2 Z0
q1	)], (b[i]-1)	X1 X2 Z0
q1	], (b[i]-1)	X2 Z0
q1	(b[i]-1)	Z0
q1	b[i]-1)	X1 Z0
q1	[i]-1)	X1 Z0
q1	i]-1)	X2 X1 Z0
q1	]-1)	X2 X1 Z0
q1	"-1)"	X1 Z0
q1	1)	X1 Z0
q1	)	X1 Z0
q1	eps	Z0
q2	eps	Z0