

Received from Working Model:				
Time:				0.00
Sent to Working Model:				
Joint #1 Velocity:				-0.70
Joint #2 Velocity:				1.00
Gripper:				0.00
Lookup tables:				
Time	Joint #1 V	Joint #2 V	Gripper	
0.00	-0.70	1.00	0.00	
0.05	-0.70	1.00	0.00	
0.10	-0.70	1.00	0.00	
0.15	-0.70	1.00	0.00	
0.20	-0.70	1.00	0.00	
0.25	-0.70	1.00	0.00	
0.30	-0.70	1.00	0.00	
0.35	-0.70	1.00	0.00	
0.40	-0.70	1.00	0.00	
0.45	-0.70	1.00	0.00	
0.50	-0.70	1.00	0.00	
0.55	-0.70	1.00	0.00	
0.60	-0.70	1.00	0.00	
0.65	-0.70	1.00	0.00	
0.70	-0.70	1.00	0.00	
0.75	-0.70	1.00	0.00	
0.80	-0.70	1.00	0.00	
0.85	-0.70	1.00	0.00	
0.90	-0.70	0.00	0.00	
0.95	-0.70	0.00	0.00	
1.00	0.00	0.00	0.00	
1.05	0.00	0.00	0.00	
1.10	0.00	0.00	1.00	
1.15	0.00	0.00	1.00	
1.20	0.00	0.00	1.00	
1.25	0.00	0.00	1.00	
1.30	1.00	-1.00	1.00	
1.35	1.00	-1.00	1.00	
1.40	1.00	-1.00	1.00	
1.45	1.00	-1.00	1.00	
1.50	1.00	-1.00	1.00	
1.55	0.50	-1.00	1.00	
1.60	0.00	-1.00	1.00	
1.65	0.00	-1.00	1.00	

This spreadsheet receives time data from the Working Model file "Robot with Control System". Values for controlling the motors and gripper are then sent back to the robot file.

	1.70	0.00	-1.00	1.00		
	1.75	0.00	-1.00	1.00		
	1.80	0.00	-1.00	1.00		
	1.85	0.00	-1.00	1.00		
	1.90	0.00	-1.00	1.00		
	1.95	0.00	-1.00	1.00		
	2.00	0.00	-1.00	1.00		
	2.05	0.00	-1.00	1.00		
	2.10	-0.50	-1.00	1.00		
	2.15	-0.75	-0.50	1.00		
	2.20	-0.50	0.00	1.00		
	2.25	-0.25	0.00	1.00		
	2.30	0.00	0.00	1.00		
	2.35	0.00	0.00	0.00		
	2.40	0.00	0.00	0.00		
	2.45	0.00	0.00	0.00		
	2.50	0.00	0.00	0.00		
	2.55	0.00	0.00	0.00		
	2.60	0.00	0.00	1.00		
	2.65	0.00	0.00	1.00		
	2.70	1.00	0.00	1.00		
	2.75	1.00	1.00	1.00		
	2.80	1.00	2.00	1.00		
	2.85	1.00	3.00	1.00		
	2.90	1.00	3.00	1.00		
	2.95	1.00	3.00	1.00		
	3.00	0.00	3.00	1.00		
	3.05	0.00	3.00	1.00		
	3.10	0.00	3.00	1.00		
	3.15	0.00	3.00	1.00		
	3.20	0.00	3.00	1.00		
	3.25	0.00	3.00	1.00		
	3.30	0.00	3.00	1.00		
	3.35	0.00	3.00	1.00		
	3.40	0.00	3.00	1.00		
	3.45	0.00	3.00	1.00		
	3.50	0.00	3.00	1.00		
	3.55	0.00	3.00	1.00		
	3.60	0.00	3.00	1.00		
	3.65	0.00	3.00	1.00		
	3.70	0.00	3.00	1.00		
	3.75	0.00	3.00	1.00		
	3.80	0.00	3.00	1.00		
	3.85	0.00	3.00	1.00		

	3.90	0.00	3.00	1.00		
	3.95	0.00	3.00	1.00		
	4.00	0.00	3.00	1.00		
	4.05	0.00	3.00	1.00		
	4.10	0.00	3.00	1.00		
	4.15	0.00	3.00	1.00		
	4.20	0.00	3.00	1.00		
	4.25	0.00	3.00	1.00		
	4.30	0.00	3.00	1.00		
	4.35	0.00	3.00	1.00		
	4.40	0.00	3.00	1.00		
	4.45	0.00	3.00	1.00		
	4.50	0.00	3.00	1.00		
	4.55	0.00	3.00	1.00		
	4.60	0.00	3.00	1.00		
	4.65	0.00	3.00	1.00		
	4.70	0.00	3.00	1.00		
	4.75	0.00	3.00	1.00		
	4.80	0.00	3.00	1.00		
	4.85	0.00	3.00	1.00		
	4.90	0.00	3.00	1.00		
	4.95	0.00	3.00	1.00		
	5.00	0.00	3.00	1.00		