

Sheet1

Data Inputs

Time Periods 6
 Smoothing Constant #NAME?
 Filter 5.00%

Mo	Year	End of Month Price	6 Month Moving Average Price
	1 1981	129.550	
	2	131.270	
	3	136.000	
	4	132.810	
	5	132.590	
	6	131.250	
	7	130.920	132.47
	8	122.790	132.09
	9	116.180	129.32
	10	121.890	125.07
	11	126.350	123.39
	12	122.550	123.51
	1 1982	120.400	122.84
	2	113.110	121.97
	3	111.960	119.52
	4	116.440	117.20
	5	111.880	116.36
	6	109.610	114.48
	7	107.090	112.63
	8	119.510	110.69
	9	120.420	112.93
	10	133.710	115.12
	11	138.540	120.70
	12	140.640	126.85
	1 1983	145.300	132.32
	2	148.060	137.65
	3	152.960	141.95
	4	164.420	146.28
	5	162.390	152.35
	6	168.110	156.37
	7	162.560	160.89
	8	164.400	162.51
	9	166.070	163.84
	10	163.550	164.87
	11	166.400	164.55
	12	164.930	165.09
	1 1984	163.410	165.02
	2	157.060	164.66

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	3	159.180	162.45
	4	160.050	161.20
	5	150.550	160.52
	6	153.180	157.30
	7	150.660	155.58
	8	166.680	153.70
	9	166.100	157.00
	10	166.090	159.68
	11	163.580	162.03
	12	167.240	163.37
	1 1985	179.630	165.14
	2	181.180	169.78
	3	180.660	173.49
	4	179.830	176.35
	5	189.550	178.28
	6	191.850	182.34
	7	190.920	185.82
	8	188.630	187.86
	9	182.080	188.70
	10	189.820	187.32
	11	202.170	188.09
	12	210.680	191.91
	1986		

This file contains the Lotus RELEASE 2 version of the spreadsheet to construct moving averages. It uses several functions unique to Release 2 of 1-2-3. The sample data are from the Standard and Poor's 500 Stock Composite Index monthly closing values for the years 1981 through 1985.

You should enter the values for the securities you want to analyze in the column for the S&P 500. You can use the data entry MACRO by typing ALT-E (that is, hold down the ALT and E keys simultaneously). This macro steps you through the data entry; just type CTRL-BREAK and ESC when you want to stop.

TYPE ALT-E to start or ENTER to continue

\e
\g
\c

#NAME?	#NAME?	6 Month	
No Action Band		Moving	
Moving Ave. Price		Average	
-5%	+5%	Price	
		SIGNAL	
			1
			2
			3
			4
			5
			6
#NAME?	#NAME?	#NAME?	7
#NAME?	#NAME?	#NAME?	8
#NAME?	#NAME?	#NAME?	9
#NAME?	#NAME?	#NAME?	10
#NAME?	#NAME?	#NAME?	11
#NAME?	#NAME?	#NAME?	12
#NAME?	#NAME?	#NAME?	1
#NAME?	#NAME?	#NAME?	2
#NAME?	#NAME?	#NAME?	3
#NAME?	#NAME?	#NAME?	4
#NAME?	#NAME?	#NAME?	5
#NAME?	#NAME?	#NAME?	6
#NAME?	#NAME?	#NAME?	7
#NAME?	#NAME?	#NAME?	8
#NAME?	#NAME?	#NAME?	9
#NAME?	#NAME?	#NAME?	10
#NAME?	#NAME?	#NAME?	11
#NAME?	#NAME?	#NAME?	12
#NAME?	#NAME?	#NAME?	1
#NAME?	#NAME?	#NAME?	2
#NAME?	#NAME?	#NAME?	3
#NAME?	#NAME?	#NAME?	4
#NAME?	#NAME?	#NAME?	5
#NAME?	#NAME?	#NAME?	6
#NAME?	#NAME?	#NAME?	7
#NAME?	#NAME?	#NAME?	8
#NAME?	#NAME?	#NAME?	9
#NAME?	#NAME?	#NAME?	10
#NAME?	#NAME?	#NAME?	11
#NAME?	#NAME?	#NAME?	12
#NAME?	#NAME?	#NAME?	1
#NAME?	#NAME?	#NAME?	2

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#NAME?	#NAME?	#NAME?	3
#NAME?	#NAME?	#NAME?	4
#NAME?	#NAME?	#NAME?	5
#NAME?	#NAME?	#NAME?	6
#NAME?	#NAME?	#NAME?	7
#NAME?	#NAME?	#NAME?	8
#NAME?	#NAME?	#NAME?	9
#NAME?	#NAME?	#NAME?	10
#NAME?	#NAME?	#NAME?	11
#NAME?	#NAME?	#NAME?	12
#NAME?	#NAME?	#NAME?	1
#NAME?	#NAME?	#NAME?	2
#NAME?	#NAME?	#NAME?	3
#NAME?	#NAME?	#NAME?	4
#NAME?	#NAME?	#NAME?	5
#NAME?	#NAME?	#NAME?	6
#NAME?	#NAME?	#NAME?	7
#NAME?	#NAME?	#NAME?	8
#NAME?	#NAME?	#NAME?	9
#NAME?	#NAME?	#NAME?	10
#NAME?	#NAME?	#NAME?	11
#NAME?	#NAME?	#NAME?	12

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{goto}directions~{?}~{home}{goto}time~{?}~{goto}filter~{?}~{goto}start~{?}~{down}~/xg\c~
 /gr~t~x~{goto}one~.end}{down}~
 {?}{down}/xg\c~

j4
 j5
 j6

BUY
 SELL
 NO Action

1981	129.550
	131.270
	136.000
	132.810
	132.590
	131.250
	130.920
	122.790
	116.180
	121.890
	126.350
	122.550
1982	120.400
	113.110
	111.960
	116.440
	111.880
	109.610
	107.090
	119.510
	120.420
	133.710
	138.540
	140.640
1983	145.300
	148.060
	152.960
	164.420
	162.390
	168.110
	162.560
	164.400
	166.070
	163.550
	166.400
	164.930
1984	163.410
	157.060

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	159.180
	160.050
	150.550
	153.180
	150.660
	166.680
	166.100
	166.090
	163.580
	167.240
1985	179.630
	181.180
	180.660
	179.830
	189.550
	191.850
	190.920
	188.630
	182.080
	189.820
	202.170
	210.680

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				No. of Months	Sum of Months	
				1	1	
				2	3	
				3	6	
				4	10	
12 Month	#NAME?	12 Month	Err:504	5	15	
Moving	No Action Band	Moving	1.00	6	21	
Average	Moving Ave. Price	Average	2.00	7	28	
Price	-5%	+5%	Price	3.00	8	36
			SIGNAL	4.00	9	45
				5.00	10	55
				6.00	11	66
					12	78
					13	91
					14	105
					15	120
					16	136
					17	153
					18	171
					19	190
					20	210
					21	231
125.71	#NAME?	#NAME?	#NAME?	22	253	
124.57	#NAME?	#NAME?	#NAME?	23	276	
122.42	#NAME?	#NAME?	#NAME?	24	300	
120.32	#NAME?	#NAME?	#NAME?	25	325	
119.23	#NAME?	#NAME?	#NAME?	26	351	
117.64	#NAME?	#NAME?	#NAME?	27	378	
115.97	#NAME?	#NAME?	#NAME?	28	406	
114.18	#NAME?	#NAME?	#NAME?	29	435	
114.62	#NAME?	#NAME?	#NAME?	30	465	
115.23	#NAME?	#NAME?	#NAME?	31	496	
117.84	#NAME?	#NAME?	#NAME?	32	528	
121.04	#NAME?	#NAME?	#NAME?	33	561	
124.40	#NAME?	#NAME?	#NAME?	34	595	
128.25	#NAME?	#NAME?	#NAME?	35	630	
132.21	#NAME?	#NAME?	#NAME?	36	666	
136.47	#NAME?	#NAME?	#NAME?	37	703	
141.97	#NAME?	#NAME?	#NAME?	38	741	
146.54	#NAME?	#NAME?	#NAME?	39	780	
151.34	#NAME?	#NAME?	#NAME?	40	820	
154.54	#NAME?	#NAME?	#NAME?	41	861	
157.31	#NAME?	#NAME?	#NAME?	42	903	
159.77	#NAME?	#NAME?	#NAME?	43	946	
161.25	#NAME?	#NAME?	#NAME?	44	990	
162.78	#NAME?	#NAME?	#NAME?	45	1035	
163.74	#NAME?	#NAME?	#NAME?	46	1081	
164.14	#NAME?	#NAME?	#NAME?	47	1128	

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163.34	#NAME?	#NAME?	#NAME?	48	1176
162.75	#NAME?	#NAME?	#NAME?	49	1225
162.21	#NAME?	#NAME?	#NAME?	50	1275
160.27	#NAME?	#NAME?	#NAME?	51	1326
158.89	#NAME?	#NAME?	#NAME?	52	1378
157.30	#NAME?	#NAME?	#NAME?	53	1431
158.34	#NAME?	#NAME?	#NAME?	54	1485
159.25	#NAME?	#NAME?	#NAME?	55	1540
160.17	#NAME?	#NAME?	#NAME?	56	1596
160.66	#NAME?	#NAME?	#NAME?	57	1653
161.76	#NAME?	#NAME?	#NAME?	58	1711
164.73	#NAME?	#NAME?	#NAME?	59	1770
167.73	#NAME?	#NAME?	#NAME?	60	1830
170.35	#NAME?	#NAME?	#NAME?	61	1891
172.56	#NAME?	#NAME?	#NAME?		
176.01	#NAME?	#NAME?	#NAME?		
179.31	#NAME?	#NAME?	#NAME?		
181.98	#NAME?	#NAME?	#NAME?		
183.78	#NAME?	#NAME?	#NAME?		
184.29	#NAME?	#NAME?	#NAME?		
185.78	#NAME?	#NAME?	#NAME?		
188.87	#NAME?	#NAME?	#NAME?		