

	A	B	C	D
	Date	Average Price	Increments	Atoms
3	03/25/09	9.47		
4	03/26/09	9.67	0.198	
5	03/27/09	9.49	-0.178	-0.035
6	03/30/09	8.86	-0.628	0.111
7	03/31/09	9.04	0.180	-0.113
8	04/01/09	8.79	-0.250	-0.045
9	04/02/09	9.49	0.700	-0.175
10	04/03/09	9.83	0.333	0.233
11	04/06/09	10.27	0.440	0.146
12	04/07/09	10.20	-0.070	-0.031
13	04/08/09	10.54	0.345	-0.024
14	04/09/09	11.12	0.583	0.201
15	04/13/09	11.58	0.458	0.266
16	04/14/09	11.76	0.182	0.083
17	04/15/09	12.30	0.535	0.098
18	04/16/09	13.74	1.440	0.770
19	04/17/09	15.22	1.478	2.128
20	04/20/09	14.61	-0.610	-0.901
21	04/21/09	14.27	-0.338	0.206
22	04/22/09	14.15	-0.120	0.040
23	04/23/09	14.07	-0.083	0.010
24	04/24/09	14.66	0.590	-0.049
25	04/27/09	15.10	0.448	0.264
26	04/28/09	15.89	0.790	0.354
27	04/29/09	17.98	2.090	1.651

SIDEBAR FIGURE 1: EXCEL SPREADSHEET DISPLAYING THE CORRELATION ATOMS OF A SET OF PRICES

EXCEL SPREADSHEET TO CALCULATE CORRELATION ATOMS

In sidebar Figure 1 and sidebar Figure 2, you see a simple Excel spreadsheet that may be used to calculate the correlation atoms of any set of prices. The formulas and actual numbers used to produce the charts can be seen in sidebar Figure 2 (only the first 25 of the 252 records are shown). Column B contains the averaged prices, column C the increment values, and the atoms are in column D.

	A	B	C	D
	Date	Average Price	Increments	Atoms
3	39897	9.47		
4	39898	9.6675	=B4-B3	
5	39899	9.49	=B5-B4	=C5*C4
6	39902	8.8625	=B6-B5	=C6*C5
7	39903	9.0425	=B7-B6	=C7*C6
8	39904	8.7925	=B8-B7	=C8*C7
9	39905	9.4925	=B9-B8	=C9*C8
10	39906	9.825	=B10-B9	=C10*C9
11	39909	10.265	=B11-B10	=C11*C10
12	39910	10.195	=B12-B11	=C12*C11
13	39911	10.54	=B13-B12	=C13*C12
14	39912	11.1225	=B14-B13	=C14*C13
15	39916	11.58	=B15-B14	=C15*C14
16	39917	11.7625	=B16-B15	=C16*C15
17	39918	12.2975	=B17-B16	=C17*C16
18	39919	13.7375	=B18-B17	=C18*C17
19	39920	15.215	=B19-B18	=C19*C18
20	39923	14.605	=B20-B19	=C20*C19
21	39924	14.2675	=B21-B20	=C21*C20
22	39925	14.1475	=B22-B21	=C22*C21
23	39926	14.065	=B23-B22	=C23*C22
24	39927	14.655	=B24-B23	=C24*C23
25	39930	15.1025	=B25-B24	=C25*C24
26	39931	15.8925	=B26-B25	=C26*C25
27	39932	17.9825	=B27-B26	=C27*C26

SIDEBAR FIGURE 2: FORMULAS AND NUMBERS USED TO CALCULATE CORRELATION ATOMS