

Module 3 – Ranges, Calendars, Swing Predictor, Gann Emblem

Know Your Time and Price Ranges (Cycles) – Trade with Confidence

Traders can find repeating time cycles and to cluster these dates with Calendars. This makes it easy to see when a number of cycles are repeating within the same time frame.

Maintain a Day Count Calendar for important Swings in a Market. This shows the trading time cycles from an important swing to a date, typically one month ahead in time. The Trader also specifies which cycles are to be highlighted on the Calendar making it easy to see when cycles are repeating.

GATE maintains a Monthly Calendar which includes much of the information in the Day Count Calendar but also includes information about major ABC setups that are still active so that the time between Points A and B or C can be tracked in the Calendar. The monthly Calendar also includes the ability to include Dairy entries.

Traders can find time cycles that have occurred frequently in the past. Through the use of “filters” the Trader can instantly see which are the top ten or twenty most frequently occurring time frames.

Having identified a time frame that occurs frequently GATE can then extract all the Swing Points with that time cycle count.

The cycles GATE extracts are for Trading Days, Calendar Days, Weeks, Degrees, Price and Ticks.

GATE will construct Solar Degree Reference tables which are based on 30 degrees, 45 degrees, 60 degrees and 90 degrees. Previous Swing Tops and Bottoms will be highlighted on these tables making it easy to see when past tops or bottoms align on a specific degree cycle.

GATE calculates future and past dates using the 360 degree cycle (full $\frac{1}{2}$ $\frac{1}{4}$ and other fractions) and show swings these cycles going backwards and forwards.

Module 3 covers the following functionality:

- GATE creates a Day Count Calendar and highlights selected time cycles making it very easy and convenient to see time clusters as they occur during the month.
- GATE highlights when a swing is made on the exact square of a number (for both Trading Days and Calendar Days)
- GATE creates a Monthly Calendar which highlights important future dates, degrees from Swings, repeating time frames and any Dairy entries you enter.
- GATE extracts time ranges and counts the number of occurrences since the first trading day of that Market. These are weighted and sorted for further analysis.
- Repeating Time and Price matrix - GATE creates a report that will include 50%, 100% and 200% past occurrences of selected Time Counts and Price Ranges.
- Cycle Time Predictor – use past time cycles to predict when future swings may occur.
- Degree Reference Tables – line up swings that occur on a consistent time cycle
- GATE creates a Trading Day, Calendar Day and Degrees lookup table to easily extract the time frame between any two Swings.
- Date Clustering through the use of a Calendar

GATE (GANN Analysis Through Excel)

Calendar (Future Dates) with Day Counts and Cycle Clusters

SP500 May-2010			Tue 04-May-2010 10241 / 7098 1464 / 338 / 39725	Wed 05-May-2010 10242 / 7099 1464 / 338 / 39725 <i>Green Sni</i>	Thu 06-May-2010 10243 / 7100 1464 / 338 / 39727	Fri 07-May-2010 10244 / 7101 1464 / 338 / 39728	Sat 08-May-2010 10245 / 7101 1464 / 338 / 39729
21-Nov-2008 9712/6735	739.0 1388	Int L	CD:529 TD:363	CD:530 TD:364	CD:531 TD:365 6 (4/2/0) 468	CD:532 TD:366 7 (4/3/0) 190	CD:533 TD:366 4 (2/2/0) 3700
06-Jan-2009 9758/6764	94 1395/322	39247	CD:334 10 (6/4/0) 3056	CD:484 TD:335 3 (1/2/0) 9	CD:485 TD:336 Deg(1x360) -120	CD:486 T	337 6
06-Mar-2009 9817/6805	665.7 1403/324	Mjr L 39202	CD:424 TD:293 7 (4/0/0) 530	CD:425 TD:294	CD:426 TD:295 Deg(1x360) -60 6 (3/3/0) 1671	CD:427 TD:296 8 (3/5/0) 358	CD:428 TD:296 4 (3/1/0) 999
07-May-2009 9879/6848	929.0 1412/326	Mi 39368	CD:251 15 (4/1/0) 190	CD:251 17 (4/3/0) 22	CD:364 TD:252 23 (2/1/22) 358	CD:365 TD:253 Deg(1x360) 20 (2/3/15) 251	CD:366 TD:253 16 (6/3/7) 1439
18-May-2009 9890/6855	875.4 1414/326	Mnr L 39378	CD:351 TD:243 25 (6/2/17) 314	CD:352 TD:244 7 (1/2/4) 1075	CD:353 TD:245 11 (0/4/7) 369	CD:354 TD:246 11 (3/2/6) 165	CD:355 TD:246 23 (5/5/13) 1049
05-Jun-2009 9908/6868	957.2 1416/327	Int H 39396	CD:333 TD:230 10 (1/2/7) 203	CD:334 TD:231 Deg 330 14 (3/1/10) 665	CD:335 TD:232 28 (2/3/23) 322	CD:336 TD:233 CD (2x168) 29 (4/2/23) 22	CD:337 TD:233 18 (3/2/13) 314
23-Jun-2009 9926/6880	884.3 1419/327	Mnr L 39413	CD:315 TD:218 29 (3/5/21) 190	CD:316 TD:219 18 (3/4/11) 203	CD:317 TD:220 25 (3/5/17) 468	CD:318 TD:221 Deg 315 14 (0/2/12) 22	CD:319 TD:221 15 (3/0/12) 385
01-Jul-2009 9934/6886 SqTD:83	928.2 1420/328	Mnr H 39421	CD:307 TD:212 32 (4/3/25) 322	CD:308 TD:213 26 (4/7/15) 385	CD:309 TD:214 17 (1/1/15) 389	CD:310 TD:215 21 (2/3/16) 251	CD:311 TD:215 17 (3/2/12) 120
08-Jul-2009 9941/6890 SqTD:83	865.5 1421/328	Int L 39427	CD:300 31 (5/5/21) 22	CD:300 33 (4/5/24) 251	CD:300 TD:210 Deg 300 22 (3/2/17) 203	CD:303 TD:211 17 (3/2/12) 165	CD:304 TD:211 18 (2/5/11) 389
14-Aug-2009 9978/6917	1015.9 1426/329	Mnr H 39463	CD:263 TD:181 17 (0/3/14) 256	CD:264 TD:182 19 (3/6/10) 1184	CD:265 TD:183 22 (2/0/20) 203	CD:266 TD:184 42 (4/9/29) 165	CD:267 TD:184 30 (0/6/24) 629
17-Aug-2009 9981/6918	975.8 1427/329	Mnr L 39465	CD:260 TD:180 28 (3/2/23) 203	CD:261 TD:181 20 (4/5/11) 1944	CD:262 TD:182 27 (4/4/19) 389	CD:263 TD:183 17 (0/3/14) 256	CD:264 TD:183 19 (3/6/10) 1184
28-Aug-2009 9992/6927	1038.5 1428/329	Mnr H 39476	CD:249 TD:171 26 (5/7/14) 256	CD:250 TD:172 26 (5/4/17) 616	CD:251 TD:173 28 (5/2/21) 505	CD:252 TD:174 CD (150x168) 37 (2/8/27) 267	CD:253 TD:174 28 (2/5/21) 203
02-Sep-2009 9997/6930 SqCD:100	991.1 1429/330	Mnr L 39481	CD:244 TD:168 32 (4/4/24) 26	CD:245 TD:169 43 (1/1/4/28) 22	CD:246 TD:170 21 (0/6/15) 230	CD:247 TD:171 24 (2/5/17) 221	CD:248 TD:171 17 (1/3/13) 22
23-Sep-2009 10018/6944	1075.5 1432/330	Mnr H 39501	CD:223 TD:154 29 (4/4/21) 267	CD:224 TD:155 Deg 225 39 (6/6/27) 165	CD:225 TD:156 28 (2/4/22) 26	CD:226 TD:157 34 (2/7/25) 230	CD:227 TD:157 14 (1/3/10) 389
02-Oct-2009 10027/6951	1012.1 1433/331	Mnr L 39510	CD:214 TD:147 17 (2/4/11) 322	CD:215 TD:148 26 (6/4/16) 651	CD:216 TD:149 28 (2/3/23) 764	CD:217 TD:150 31 (1/5/25) 251	CD:218 TD:150 31 (4/3/24) 756
20-Oct-2009	1099.0	Mnr H	CD:196 TD:135	CD:197 TD:136	CD:198 TD:137	CD:199 TD:138	CD:200 TD:138

GATE (GANN Analysis Through Excel)

Lookup Cycle/Ranges between any two Swings

										TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF
1	A	B	C	D	E	F	G	H		2009	02-Oct-2009	20-Oct-2009	02-Nov-2009	16-Nov-2009	27-Nov-2009	11-Jan-2010	05-Feb-2010	15-Apr-2010	19-Apr-2010	26-Apr-2010
2				Highlight						L	H	H	L	H	L	H	L	H	H	H
3				CD's : Tolerance						1012.1	1099.0	1026.2	1112.1	1066.9	1147.9	1041.0	1210.4	1180.0	1216.7	
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Find the Time Range between ANY two Swings

SP500 CD - Calendar Days

Green: Top to Top
Red: Low to Low
Blue: Hi to Low/Low to Hi

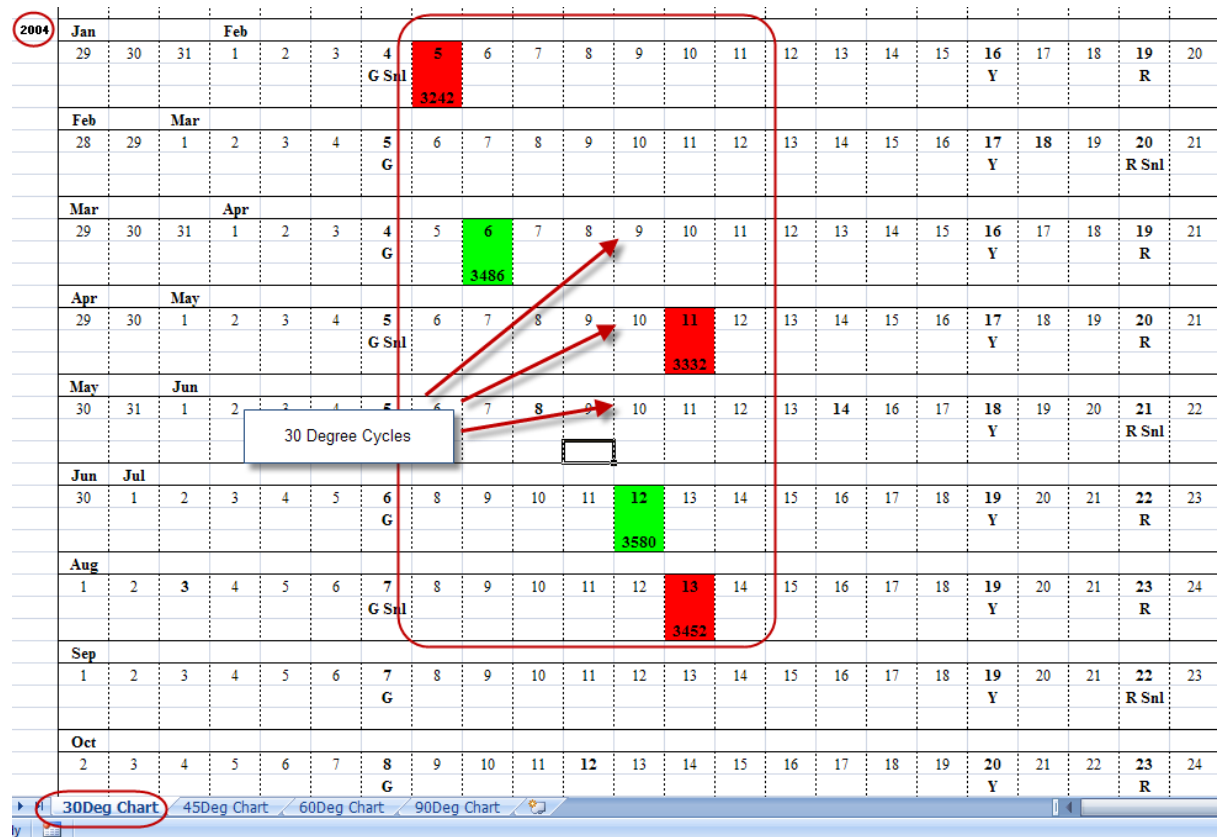
Cycle Ranges in Calendar Days, Trading Days, Weeks

Show the cycle between two Swings

Highlight the Cycle you are studying

GATE (GANN Analysis Through Excel)

Find Cycles in the Market with Reference Charts that align Swings that follow a 30 degree or 45 degree or 60 degree or 90 degree cycles



GATE (GANN Analysis Through Excel)

Find Cycles in the Market with Reference Charts that align Swings that follow a 30 degree or 45 degree or 60 degree or 90 degree cycles



GATE (GANN Analysis Through Excel)

Find repeating Cycles (Calendar Days, Trading Days, Degrees, Price)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	SP500 CD - Calendar Days								SP500 TD - Trading Days						
	Tolerance								Tolerance						
	Cycle	Zero	1	2	3	4	W/Fac		Cycle	Zero	1	2	3	4	W/Fac
4	40	22	82	151	213	289	1216.7		40	52	154	244	331	427	2659.5
5	41	29	101	165	215	271	1422.1		41	43	146	245	335	435	2523
6	42	50	112	165	223	284	1737.4		42	51	134	237	349	432	3051.5
7	43	33	114	170	216	284	1737.4		43	40	142	238	334	439	2769.3
8	44	31	91	165	231	285	1529.7		44	51	144	239	328	424	2346.8
9	45	27	82	152	234	315	1751.1		45	53	148	234	329	413	1669.6
0	46	24	88	151	236	326	1535		46	44	143	238	319	414	1924
1	47	22	93	17	237	329	1547.7		47	46	134	228	323	414	2147
2	48	21	121	18	238	329	1547.7		48	44	131	219	323	416	2172.1
3	49	24	124	194	238	286	1521.3		49	41	129	226	312	422	2456.7
4	50	40	125	17	239	329	1547.7		50	44	136	222	325	412	2680.4
5	51	33	93	16	240	329	1547.7		51	51	137	235	322	413	2795.5
6	52	20	74	143	229	329	1424.7		52	42	150	237	323	422	2674.8
7	53	21	70	177	241	329	1526.1		53	57	142	238	337	421	2541.1
8	54	29	84	168	237	305	1390.7		54	43	145	242	336	429	2116.7
9	55	34	127	184	232	282	2218.7		55	45	143	243	334	427	1732.7
0	56	64	134	191	229	269	2479.6		56	55	143	235	334	417	1613
1	57	36	128	179	228	281	2450.1		57	43	147	234	318	426	2375.5
2	58	28	81	165	231	305	1488.7		58	49	134	230	326	411	3033.4
3	59	17	65	133	242	319	1285.4		59	42	132	226	323	417	3117.5
4	60	20	69	142	221	329	1240.9		60	41	134	225	317	423	2794.4
5	61	32	97	157	229	286	1559.2		61	51	134	225	325	419	2535.1
6	62	45	120	184	222	272	2109.5		62	42	142	234	327	425	3286.2
7	63	43	132	185	227	271	2348		63	49	142	244	334	407	3351.8
8	64	44	108	175	234	284	1648.5		64	51	151	242	324	412	3026.1
9	65	21	87	157	232	309	924.3		65	51	151	231	320	407	2394
0	66	22	70	144	232	314	912.1		66	49	131	229	314	406	2077.3
1	67	27	79	145	226	304	1234.8		67	31	127	214	315	413	2186.4
2	68	30	102	161	217	289	1837.2		68	47	114	213	313	410	1834.8
3	69	45	112	174	224	270	1779.2		69	36	133	213	308	408	2480.3
4	70	37	117	175	227	267	1836.9		70	50	135	228	308	407	2544.4
5	71	35	100	170	218	269	1763.6		71	49	145	230	327	410	2766.2
6	72	28	88	142	212	280	2025.5		72	46	144	244	322	416	2502.8

Count number of times a cycle has occurred in the past

Example shows the Count 42 - has occurred 50 times in the past (112)

Example shows the Count 56 - has occurred 64 times in the past (134)

Most frequent repeating cycles are

GATE (GANN Analysis Through Excel)

Easy to Use Data Filters to ONLY show the most frequently repeating cycles

SP500 CD - Calendar Days						
Cycle	Tolerance					
	Zero	1	2	3	4	W/Fac
49	52	124	194	238	286	1521.3
56	64	134	191	229	269	2479.6
77	51	138	183	229	285	2246.5
91	55	127	173			2177.7
105	56	137	185			
147	52	132	178	233		
168	53	134	190	233	285	2157
175	53	118	178	230	282	2072.7
245	59	115	178	224	275	2087.5
266	58	133	190	241	287	1885.2
280	53	111	172	217	271	1315.1
287	52	119	177	227	278	1507.3
315	54	123	181	225	283	1586.4
336	51	126	175	219	275	1633
343	65	128	179	246	290	1865.2
455	53	113	174	222	264	1814.9
462	54	130	185	236	293	2372.2
518	54	126	175	236	280	1621.7
546	59	127	170	218	268	2638.2
554	52	124	180	229	287	2212.7
560	52	99	163	220	260	1470.5
609	54	131	178	231	283	1658.7
659	52	121	196	243	286	1273.7
763	51	108	157	199	250	2621
812	61	117	174	237	278	1634.1
896	51	120	165	214	258	1978.9
1015	52	107	163	210	255	1501.2
1183	55	124	172	212	253	2156.8
1239	51	134	174	213	257	1691.1
1295	55	108	162	204	248	1581.2
2107	51	96	136	180	218	1794.9