

BASE A INNER NUMOGRAMMATICS

An extrapolation of the CCRU pitch system whose frame is base A (in+-).

This system is called inner because it uses the inner half of the numbers 0-4. Additionally there is outer which is 5-9 and full which is 0-9 and other combinations.

The Pitch Distributor (Fig.0) is based on the assignment of each zone to a pitch from 0-4 that is either + or -. They flow in different ways from 0-4 in the directions; in (in), out (ot), up (up) and down (dn). There are two classes of embodiment; those with difference (+ and -) and those with sameness (+ or -).

The Syzygy Index (Fig.1) is created by combining each zone to another without duplicates. Then by combining the zone values from the Pitch Distributor with the zone pairs of the Syzygy Index the frames of distribution of syzygies across pitches are created (Fig.2-7).

index	in+-	in+	ot+-	ot+	up+-	up+	dn+-	dn+	index	in+	in-	ot+	ot-	up+	up-	dn+	dn-	index
0	0	0	4	-4	4	-4	0	0	0	0	0	4	-4	4	-4	0	0	0
1	1	-1	3	-3	3	-3	1	-1	1	1	-1	3	-3	3	-3	1	-1	1
2	2	-2	2	-2	2	-2	2	-2	2	2	-2	2	-2	2	-2	2	-2	2
3	3	-3	1	-1	1	-1	3	-3	3	3	-3	1	-1	1	-1	3	-3	3
4	4	-4	0	0	0	0	4	-4	4	4	-4	0	0	0	0	4	-4	4
5	-4	4	0	0	-4	4	0	0	5	4	-4	0	0	4	-4	0	0	5
6	-3	3	-1	1	-3	3	-1	1	6	3	-3	1	-1	3	-3	1	-1	6
7	-2	2	-2	2	-2	2	-2	2	7	2	-2	2	-2	2	-2	2	-2	7
8	-1	1	-3	3	-1	1	-3	3	8	1	-1	3	-3	1	-1	3	-3	8
9	0	0	-4	4	0	0	-4	4	9	0	0	4	-4	0	0	4	-4	9

Fig.0 Pitch Distributor

phase	0	1	2	3	4	5	6	7	8	9
		1::0	2::0	3::0	4::0	5::0	6::0	7::0	8::0	9::0
			2::1	3::1	4::1	5::1	6::1	7::1	8::1	9::1
				3::2	4::2	5::2	6::2	7::2	8::2	9::2
					4::3	5::3	6::3	7::3	8::3	9::3
						5::4	6::4	7::4	8::4	9::4
							6::5	7::5	8::5	9::5
								7::6	8::6	9::6
									8::7	9::7
										9::8

Fig.1 Syzygy Index

pitch	in+-	in+	out+-	out+	pitch
8					8
7	4:3	6:5	1:0	9:8	7
6	4:2	7:5	2:0	9:7	6
5	4:1 3:2	8:5 7:6	3:0 2:1	9:6 8:7	5
4	4:0 3:1 9:4	5:0 9:5 8:6	4:0 5:0 3:1	9:4 9:5 8:6	4
3	3:0 2:1 9:3 8:4	6:0 5:1 9:6 8:7	6:0 4:1 5:1 3:2	9:3 8:4 8:5 7:6	3
2	2:0 9:2 8:3 7:4	7:0 6:1 5:2 9:7	7:0 6:1 4:2 5:2	9:2 8:3 7:4 7:5	2
1	1:0 9:1 8:2 7:3 6:4	8:0 7:1 6:2 5:3 9:8	8:0 7:1 6:2 4:3 5:3	9:1 8:2 7:3 6:4 6:5	1
0	9:0 8:1 7:2 6:3 5:4	9:0 8:1 7:2 6:3 5:4	9:0 8:1 7:2 6:3 5:4	9:0 8:1 7:2 6:3 5:4	0
-1	8:0 7:1 6:2 5:3 9:8	1:0 9:1 8:2 7:3 6:4	9:1 8:2 7:3 6:4 6:5	8:0 7:1 6:2 4:3 5:3	-1
-2	7:0 6:1 5:2 9:7	2:0 9:2 8:3 7:4	9:2 8:3 7:4 7:5	7:0 6:1 4:2 5:2	-2
-3	6:0 5:1 9:6 8:7	3:0 2:1 9:3 8:4	9:3 8:4 8:5 7:6	6:0 4:1 5:1 3:2	-3
-4	5:0 9:5 8:6	4:0 3:1 9:4	9:4 9:5 8:6	4:0 5:0 3:1	-4
-5	8:5 7:6	4:1 3:2	9:6 8:7	3:0 2:1	-5
-6	7:5	4:2	9:7	2:0	-6
-7	6:5	4:3	9:8	1:0	-7
-8					-8

Fig.2 In/out + and -

pitch	up+-	up+	down+-	down+	pitch
8					8
7	1:0	6:5	4:3	9:8	7
6	2:0	7:5	4:2	9:7	6
5	3:0 2:1	8:5 7:6	4:1 3:2	9:6 8:7	5
4	4:0 9:0 3:1	5:4 9:5 8:6	4:0 3:1 5:4	9:0 9:5 8:6	4
3	8:0 4:1 9:1 3:2	5:3 6:4 9:6 8:7	3:0 2:1 5:3 6:4	8:0 9:1 8:5 7:6	3
2	7:0 8:1 4:2 9:2	5:2 6:3 7:4 9:7	2:0 5:2 6:3 7:4	7:0 8:1 9:2 7:5	2
1	6:0 7:1 8:2 4:3 9:3	5:1 6:2 7:3 8:4 9:8	1:0 5:1 6:2 7:3 8:4	6:0 7:1 8:2 9:3 6:5	1
0	5:0 6:1 7:2 8:3 9:4	5:0 6:1 7:2 8:3 9:4	5:0 6:1 7:2 8:3 9:4	5:0 6:1 7:2 8:3 9:4	0
-1	5:1 6:2 7:3 8:4 9:8	6:0 7:1 8:2 4:3 9:3	6:0 7:1 8:2 9:3 6:5	1:0 5:1 6:2 7:3 8:4	-1
-2	5:2 6:3 7:4 9:7	7:0 8:1 4:2 9:2	7:0 8:1 9:2 7:5	2:0 5:2 6:3 7:4	-2
-3	5:3 6:4 9:6 8:7	8:0 4:1 9:1 3:2	8:0 9:1 8:5 7:6	3:0 2:1 5:3 6:4	-3
-4	5:4 9:5 8:6	4:0 9:0 3:1	9:0 9:5 8:6	4:0 3:1 5:4	-4
-5	8:5 7:6	3:0 2:1	9:6 8:7	4:1 3:2	-5
-6	7:5	2:0	9:7	4:2	-6
-7	6:5	1:0	9:8	4:3	-7
-8					-8

Fig.3 Up/down + and -

pitch	in+	in-	pitch
8	5:4		8
7	4:3 5:3 6:4 6:5		7
6	4:2 5:2 6:3 7:4 7:5		6
5	4:1 5:1 3:2 6:2 7:3 8:4 8:5 7:6		5
4	4:0 5:0 3:1 6:1 7:2 8:3 9:4 9:5 8:6		4
3	3:0 6:0 2:1 7:1 8:2 9:3 9:6 8:7		3
2	2:0 7:0 8:1 9:2 9:7		2
1	1:0 8:0 9:1 9:8		1
0	9:0	9:0	0
-1		1:0 8:0 9:1 9:8	-1
-2		2:0 7:0 8:1 9:2 9:7	-2
-3		3:0 6:0 2:1 7:1 8:2 9:3 9:6 8:7	-3
-4		4:0 5:0 3:1 6:1 7:2 8:3 9:4 9:5 8:6	-4
-5		4:1 5:1 3:2 6:2 7:3 8:4 8:5 7:6	-5
-6		4:2 5:2 6:3 7:4 7:5	-6
-7		4:3 5:3 6:4 6:5	-7
-8		5:4	-8

Fig.4 In + or -

pitch	out+	out-	pitch
8	9:0		8
7	1:0 8:0 9:1 9:8		7
6	2:0 7:0 8:1 9:2 9:7		6
5	3:0 6:0 2:1 7:1 8:2 9:3 9:6 8:7		5
4	4:0 5:0 3:1 6:1 7:2 8:3 9:4 9:5 8:6		4
3	4:1 5:1 3:2 6:2 7:3 8:4 8:5 7:6		3
2	4:2 5:2 6:3 7:4 7:5		2
1	4:3 5:3 6:4 6:5		1
0	5:4	5:4	0
-1		4:3 5:3 6:4 6:5	-1
-2		4:2 5:2 6:3 7:4 7:5	-2
-3		4:1 5:1 3:2 6:2 7:3 8:4 8:5 7:6	-3
-4		4:0 5:0 3:1 6:1 7:2 8:3 9:4 9:5 8:6	-4
-5		3:0 6:0 2:1 7:1 8:2 9:3 9:6 8:7	-5
-6		2:0 7:0 8:1 9:2 9:7	-6
-7		1:0 8:0 9:1 9:8	-7
-8		9:0	-8

Fig.5 Out + or -

pitch	up+	up-	pitch
8	5::0		8
7	1::0 6::0 5::1 6::5		7
6	2::0 7::0 6::1 5::2 7::5		6
5	3::0 8::0 2::1 7::1 6::2 5::3 8::5 7::6		5
4	4::0 9::0 3::1 8::1 7::2 6::3 5::4 9::5 8::6		4
3	4::1 9::1 3::2 8::2 7::3 6::4 9::6 8::7		3
2	4::2 9::2 8::3 7::4 9::7		2
1	4::3 9::3 8::4 9::8		1
0	9::4	9::4	0
-1		4::3 9::3 8::4 9::8	-1
-2		4::2 9::2 8::3 7::4 9::7	-2
-3		4::1 9::1 3::2 8::2 7::3 6::4 9::6 8::7	-3
-4		4::0 9::0 3::1 8::1 7::2 6::3 5::4 9::5 8::6	-4
-5		3::0 8::0 2::1 7::1 6::2 5::3 8::5 7::6	-5
-6		2::0 7::0 6::1 5::2 7::5	-6
-7		1::0 6::0 5::1 6::5	-7
-8		5::0	-8

Fig.6 Up + or -

pitch	down+	down-	pitch
8	9::4		8
7	4::3 9::3 8::4 9::8		7
6	4::2 9::2 8::3 7::4 9::7		6
5	4::1 9::1 3::2 8::2 7::3 6::4 9::6 8::7		5
4	4::0 9::0 3::1 8::1 7::2 6::3 5::4 9::5 8::6		4
3	3::0 8::0 2::1 7::1 6::2 5::3 8::5 7::6		3
2	2::0 7::0 6::1 5::2 7::5		2
1	1::0 6::0 5::1 6::5		1
0	5::0	5::0	0
-1		1::0 6::0 5::1 6::5	-1
-2		2::0 7::0 6::1 5::2 7::5	-2
-3		3::0 8::0 2::1 7::1 6::2 5::3 8::5 7::6	-3
-4		4::0 9::0 3::1 8::1 7::2 6::3 5::4 9::5 8::6	-4
-5		4::1 9::1 3::2 8::2 7::3 6::4 9::6 8::7	-5
-6		4::2 9::2 8::3 7::4 9::7	-6
-7		4::3 9::3 8::4 9::8	-7
-8		9::4	-8

Fig.7 Down + or -

ASPECT GROUPS

STRUCTURE PATH

RETRACTION- To draw/pull backwards infinity (9) to zero. Uses sameness to find the zone of attraction (9). Uses difference to find the zones of appulsion.

PROPULSION- To drive/push forwards infinity (9) from zero. Uses difference to find the zone of attraction (5). Uses sameness to find the zones of appulsion.

STRUCTURE DENSITY

DISTRACTION- To draw/pull apart zones. There are less fixed points (to 2) influencing its drawn forms with fewer syzygies and currents.

COMPULSION- To drive/push together zones. There are more fixed points (to 4) influencing its drawn forms with more syzygies and currents.

CURRENT TYPE

ATTRACTION- To draw/pull towards one. A single zone is the tractor of many currents.

APPULSION- To drive/push against one. No single zone is the tractor of many currents.

CURRENT POLARITY

HYPOTRACTION- To draw/pull below. A current created when one of the pair's number's modifiers are different. Operation of difference (+,-,+).

HYPERPULSION- To drive/push above. A current created when both number's modifiers are the same. Operation of sameness (++,--).

CORE DIAGRAM METHOD

Core diagram method can be used to describe the neutral space without using pitches. It is formed with the two halves 0-4 and 5-9. One shall be still (0-4) and the other shifting (5-9).

If the movement is described from 0 to 9 then 5-9 will go towards zero (retraction) or away from zero (propulsion) resulting in the distracted syzygies (Fig.10-11). In addition to this two more rows can be added. Next to 0-4 and 5-9 are its movements in opposition to its pair which result in compulsive syzygies(Fig.12-13).

WEB COLOR

Web color is a system of 16777216 colors communicated through 6 base 16 digits, black being 000000 and white being ffffff. $(16777216-1)/(10-1)=1864135$ which is 1c71c7 in base 16 and will represent zone 1. Multiplying the value of zone 1 by 0-9 will create the proportional color of each zone.

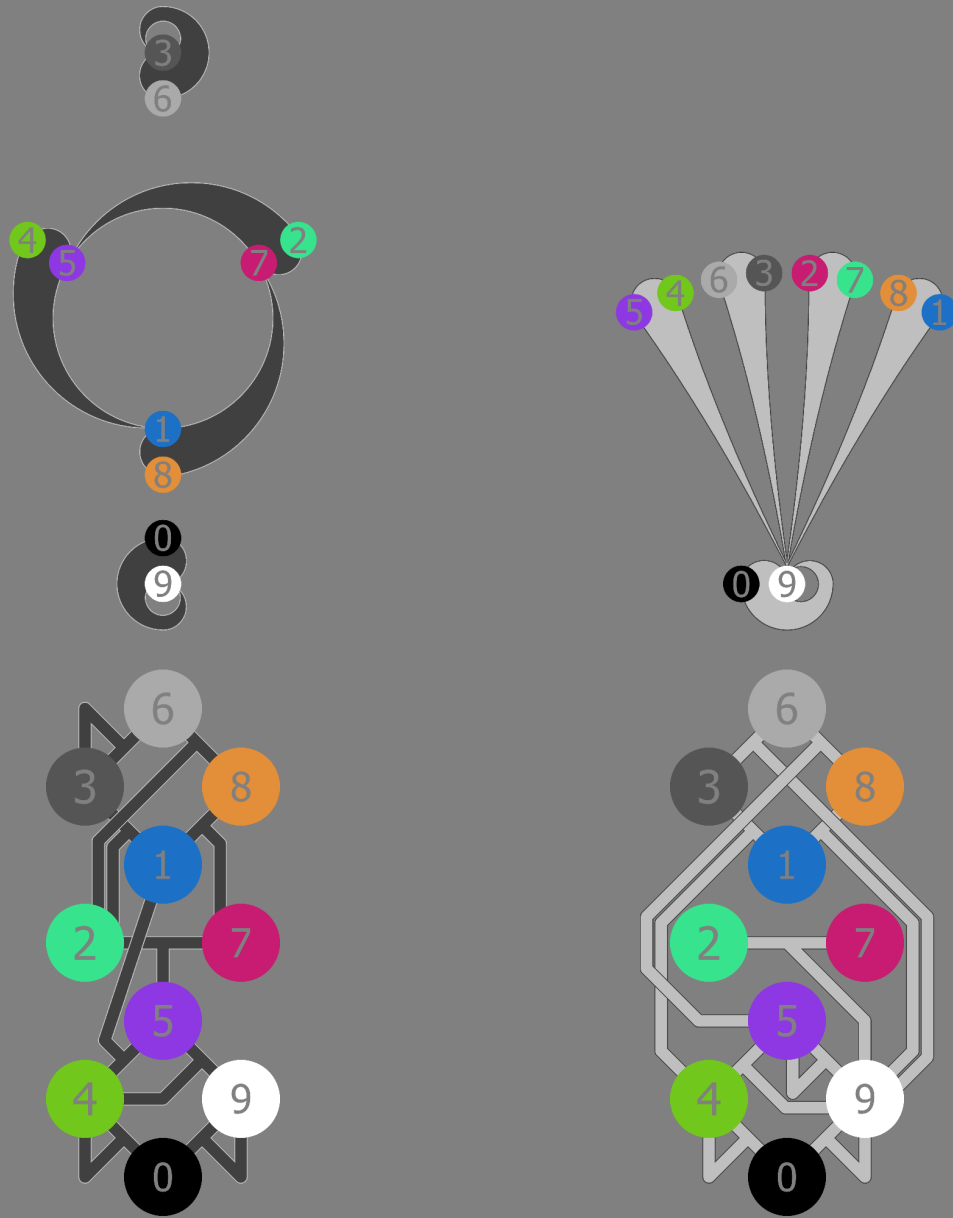


Fig. 8 Retraction Numograms

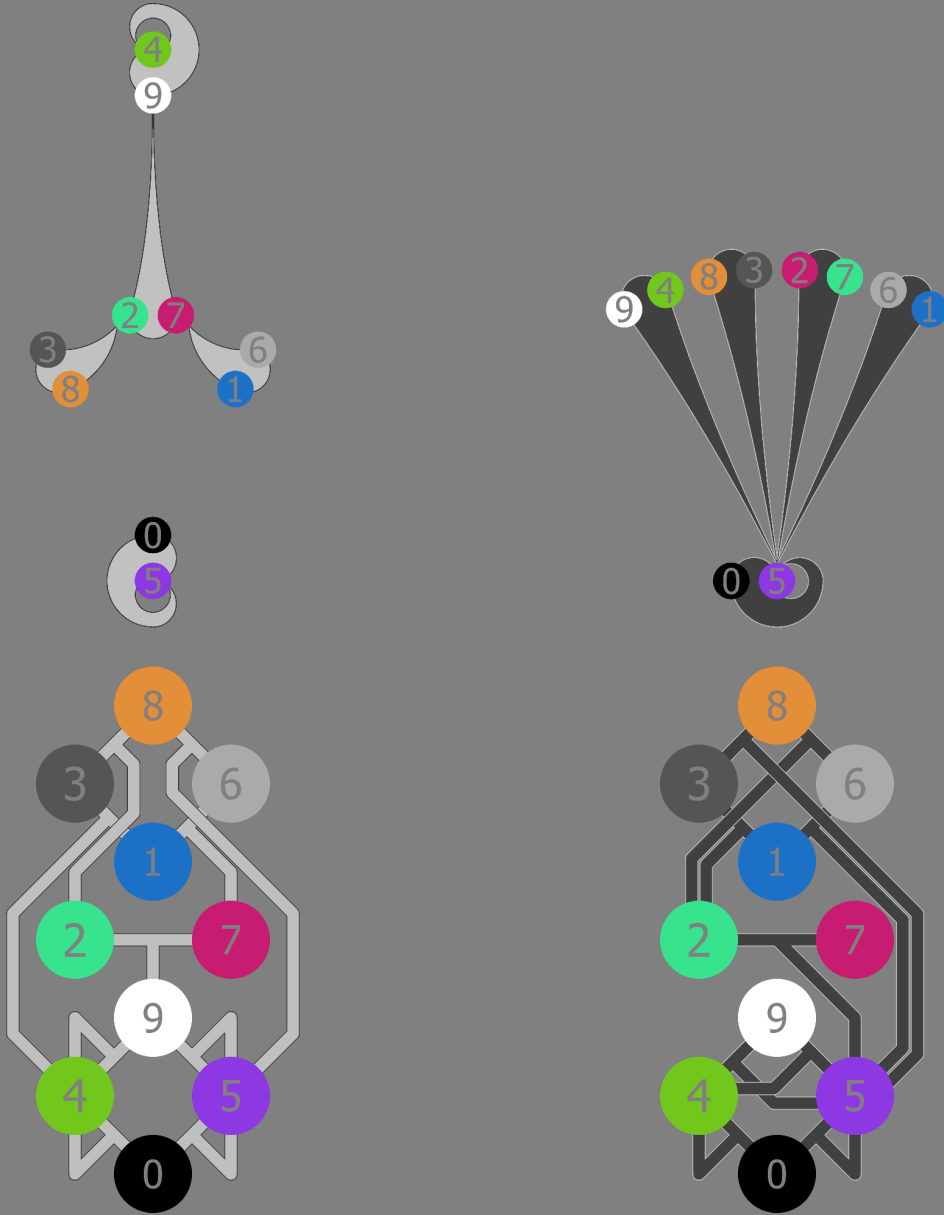


Fig. 9 Propulsion Numograms

9 8 7 6 5
0 1 2 3 4

Fig.10 Retraction Distraction

5 6 7 8 9
0 1 2 3 4

Fig.11 Propulsion Distraction

5 6 7 8 9
9 8 7 6 5
0 1 2 3 4
4 3 2 1 0

Fig.12 Retraction Compulsion

9 8 7 6 5
5 6 7 8 9
0 1 2 3 4
4 3 2 1 0

Fig.13 Propulsion Compulsion