



Andres J. Washington

Fingerprint Geometric Analysis

Post Office Box 165 Bronx, NY 10451-0165, USA

+1 914 960 3526 director@dermatoglyphics.com

www.dermatoglyphics.com

My Theory (Conceptual Paper)

It is known or understood that no two or more persons can possess the same personality. An individual may have a multiple personality but no personality can coexist between two or more persons. Fingerprints cannot coexist between two or more persons. No individual has ever displayed the same fingerprint from another digit even if taken from the same hand. I have therefore arrived at the opinion that fingerprints can disclose the potential, ability or intelligence of an individual.

When it comes to fingerprint analysis there are two different methods which I shall exemplify: The first has to do with the frequency of patterns in which it can be said that it is possible for a given pattern to appear on any given digit. However, notwithstanding racial stock and gender, certain patterns are more likely to appear on a particular digit more so than another.

An individual who's thinking stands apart from the general population would display fingerprint patterns which are a departure from the designated frequency.

I have published results from two different studies on the frequency of patterns. One is the documented study of 4,313,521 females [1] and the other of 17,951,192 males [2]. The coding system is the NCIC FPC [3]. A formula for filing the NCIC FPC into a sequential order has been developed for studies of the dermatoglyphic configurations [4]. After ten-digit classifications have been filed according to the aforementioned formula, a database can be created from which statistics can be extracted on pattern frequency. The other method is a geometric analysis based on the location(s) of a given fingerprint code on a multi-sequential chart; a chart which would display an entire sequence of fingerprint classifications [5].

The Primary Classification from the Henry System of Fingerprint Classification and Filing which consist of 1,024 codes, is the example. The Fingerprint Diagonal Reverse Sequence Arrangement is applied to the Primary Classification to create a multi-sequential Primary Classification chart in which an individual code can display up to three different locations [6]. Each code will have a unique geometric design on the chart, a design which is triangular or linear in appearance. An identifiable design for a given code can therefore be established. Subsequently, an analysis of that design as well as its geometric relationship to the other codes and their design can be explored.

Geometrically, it is possible to attribute a classification code to the potential of an individual [7]. In this way it would also be possible to discover why and how an individual may be like or unlike another.

In addition, when teamwork is the endeavor, groups of classifications can be established representing the complimentary aspect of people working together. The key to the formula is to apply the appropriate numerical value assigned to the digits in the Primary Classification. In this respect, the phenomenon of different populations at various venues has led fingerprint classifiers to adjust the assignment of numerical values to the digits in

the Primary Classification.

The following sequential listing has been provided which is used to display an arrangement of the selected numerical values that can be used in the Primary Classification. A choice of assignment for each hand can therefore be made from this listing of 120 values. When the frequency of NCIC Fingerprint Classifications (NCIC FPC) for whorl patterns are taken into account, my choice of values is the following: Line number 9 is for the left hand and line number 33 is for the right hand.

Line Number		Sequence Number			
1	1	2	4	8	16
2	1	2	4	16	8
3	1	2	8	4	16
4	1	2	8	16	4
5	1	2	16	4	8
6	1	2	16	8	4
7	1	4	2	8	16
8	1	4	2	16	8
9	1	4	8	2	16
10	1	4	8	16	2
11	1	4	16	2	8
12	1	4	16	8	2
13	1	8	2	4	16
14	1	8	2	16	4
15	1	8	4	2	16
16	1	8	4	16	2
17	1	8	16	2	4
18	1	8	16	4	2
19	1	16	2	4	8
20	1	16	2	8	4
21	1	16	4	2	8
22	1	16	4	8	2
23	1	16	8	2	4
24	1	16	8	4	2
25	2	1	4	8	16
26	2	1	4	16	8
27	2	1	8	4	16
28	2	1	8	16	4
29	2	1	16	4	8
30	2	1	16	8	4
31	2	4	1	8	16
32	2	4	1	16	8
33	2	4	8	1	16
34	2	4	8	16	1
35	2	4	16	1	8
36	2	4	16	8	1

37	2	8	1	4	16
38	2	8	1	16	4
39	2	8	4	1	16
40	2	8	4	16	1
41	2	8	16	1	4
42	2	8	16	4	1
43	2	16	1	4	8
44	2	16	1	8	4
45	2	16	4	1	8
46	2	16	4	8	1
47	2	16	8	1	4
48	2	16	8	4	1
49	4	1	2	8	16
50	4	1	2	16	8
51	4	1	8	2	16
52	4	1	8	16	2
53	4	1	16	2	8
54	4	1	16	8	2
55	4	2	1	8	16
56	4	2	1	16	8
57	4	2	8	1	16
58	4	2	8	16	1
59	4	2	16	1	8
60	4	2	16	8	1
61	4	8	1	2	16
62	4	8	1	16	2
63	4	8	2	1	16
64	4	8	2	16	1
65	4	8	16	1	2
66	4	8	16	2	1
67	4	16	1	2	8
68	4	16	1	8	2
69	4	16	2	1	8
70	4	16	2	8	1
71	4	16	8	1	2
72	4	16	8	2	1
73	8	1	2	4	16
74	8	1	2	16	4
75	8	1	4	2	16
76	8	1	4	16	2
77	8	1	16	2	4
78	8	1	16	4	2
79	8	2	1	4	16
80	8	2	1	16	4
81	8	2	4	1	16
82	8	2	4	16	1
83	8	2	16	1	4
84	8	2	16	4	1
85	8	4	1	2	16
86	8	4	1	16	2
87	8	4	2	1	16
88	8	4	2	16	1

89	8	4	16	1	2
90	8	4	16	2	1
91	8	16	1	2	4
92	8	16	1	4	2
93	8	16	2	1	4
94	8	16	2	4	1
95	8	16	4	1	2
96	8	16	4	2	1
97	16	1	2	4	8
98	16	1	2	8	4
99	16	1	4	2	8
100	16	1	4	8	2
101	16	1	8	2	4
102	16	1	8	4	2
103	16	2	1	4	8
104	16	2	1	8	4
105	16	2	4	1	8
106	16	2	4	8	1
107	16	2	8	1	4
108	16	2	8	4	1
109	16	4	1	2	8
110	16	4	1	8	2
111	16	4	2	1	8
112	16	4	2	8	1
113	16	4	8	1	2
114	16	4	8	2	1
115	16	8	1	2	4
116	16	8	1	4	2
117	16	8	2	1	4
118	16	8	2	4	1
119	16	8	4	1	2
120	16	8	4	2	1

The ultimate question would be the following: If something is true mathematically is it true in reality? In this case I would have to say yes.

References: (Hyperlinked)

1. Andres J Washington. "The Radial Loop Fingerprint Pattern". *EC Psychology and Psychiatry* 7.3 (2018): 93-94
2. Andres J Washington. "The Right Index Fingerprint of John Lennon". *EC Psychology and Psychiatry* 5.6 (2017): 169-170
3. FBI Fingerprint Training Manual (1987): 86
4. NCIC FPC Filing Sequence Formula (2017) *Med Clin Arch*, 2017 doi: 10.15761/MCA.1000120
5. Andres J. Washington (2017), Fingerprint Geometric Analysis. *Int J Cri & For Sci* 1:1, 8-10
6. Washington AJ (2016) Sacred Geometry. *Forensic Res Criminol Int J* 2(2): 00047. DOI: 10.15406/frcij.2016.02.00047 3-5
7. Andres J Washington. "Another Look at the Primary Classification". *EC Psychology and Psychiatry* 7.10 (2018): 696-700.