

Semiotic nature of Genetic code. Supplement 1

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Abstract. It is shown that there is a unity of genetic and chemical code, on the one hand; and on the other hand, that Genetic code and Chemical code, *per se*, are reduced to one and the same number; the number, "taken off" from Boolean spaces.

Keywords

Genetic code, Chemical code, Periodic system of chemical elements, Periodic system of numbers, Chemism, Semiosis, Protein amino acids, Mirror symmetry.

Everything is a [logically generated] number!
Pythagoras

.1. Introduction

The text with the accompanying tabular and graphic materials is a supplement to the previous paper [Rakočević, 2024: ([10.26434/chemrxiv-2024-1b9h7](https://doi.org/10.26434/chemrxiv-2024-1b9h7)), which we will refer to here (in references, citations, etc.) as the main paper (Main pap.)¹. ...

¹ Rakočević, 2024: *Semiotic nature of Genetic code*, in Preprint server ChemrXiv, Cambridge. (Note: In the following text, instead of "Rakočević", only MMR.)

.2. Elaboration

Gen. princip je i Darwinov, zato ilustracija iz Naiss.
Globalno dati ilustracije. ...

.3. Discussion

Kada znamo da ogledala simetrija u tabeli 2 nastaje ukrštanjem šestobitnog binarnog drveta i periodnog sistema brojeva (preko 2 i 5); u periodnom sistemu brojeva unikat 51, a u šestobitnom unikat 21; i kad sad znamo da igra ovde, u genetskom kodu, 510, hipoteza je da u hemijskom kodu igra 210. ...

**

Prvi i jedini exemplar ogledalosti, u isto vreme telovitosti, jeste **101 / 010**.
...

.4. Conclusion

...

T A B L E S

Table 1. Distribution of amino acids within Perfect Protein Amino Acid Similarity System (PPAASS) I

1	G₀₁	01		31	08N	11
2	A₀₄	09		31	07D	12
3	V₁₀	25		17	05S	13
4	P₀₈	23		25	08T	14
5	I₁₃	33		25	05C	15
6	L₁₃	33		41	11M	16
7	K₁₅	41		49	14F	17
8	R₁₇	55		57	15Y	18
9	Q₁₁	39		69	18W	19
10	E₁₀	39		43	11H	20
055	102	298		388	102	155
455 554				645 / 546		
$455 + 645 = 1100 = 5 \times 220$ $\mathbf{554} + \mathbf{546} = 1100 = 5 \times 220$						
$10 + 23 + 58 = \mathbf{91} \times \mathbf{1}$ $45 + 79 + 240 = \mathbf{364}$ $(55) + (102) + (298) = 455$				$104 + 28 + 50 = \mathbf{91} \times \mathbf{2}$ $\boxed{284} + 74 + 105 = \mathbf{463}$ $388) + (102) + (155) = 645$		
455 / 554				645 / 546		

The Table corresponds to Table 1 in Main paper, with additional details.

645 / **546**

Explanation of Table 1

From the lower, subsequently added part of the Table, we see that the mirror symmetry is valid not only for two cross-generated segments from two columns, but also for two opposite independent segments in two circuits – for two large segments (quantities of 6 molecules each: **364** vs **463**). For two small segments (quantities of 4 molecules each) is valid however "the symmetry in the simplest case" 1:2 [(91x1) : (91x2)] (Marcus, 1989).

(530, 570) (540, 560)

Table 1.1. Distribution

Tab. 1 (PPAASS)	455 / 554 // 645 / 546 530 / 570 // 540 / 560
Tab. 3 (HHAASS)	530+1 / 530-1 // 570-1 / 570+1
Tab. 4 (HHAASS)	530+1 / 570+1 // 540-3 / 560+3
Tab. 5 (LLAASS)	570+2 / 530-2 // 590+10 / 510-10 {570+2 / 530-2} // { 600 / 500 }
Tab. 5.1 (LLAASS)	[(510-10)-02] / [(590+10)+2 // 540 / 560 {500-2 / 600+2} // { 540 / 560 }
Tab. 6 (DDAASS)	370-3 / 730+3 // 570-1 / 530+1 {350 + 530 = 880} {1100 - 880 = 220 }
Tab. 7 (EEAASS)	400+ 1/ 700-1 // 520 / 580 {400 as 500-100 and 700 as 600+100}
Tab. 8 (SSAASS)	406 / 694 // 569+10 / 531-10

U Tab. 5. objasniv500 / 600. ... U Tab. 6 imamo 1100 sa 5 x 220, a u 880 ih je 4 x 220. Ovo 1100 zapravo je AA0, pa s ve zajwdbo korespondira sa 8 x 33 i 10 x 33. ... Dve sekvence, sa inicijalnim kvantitetom 2 i druga sa 5.

[(350, 530) (370, 730)]

Table 1.2. Distribution

(130, 310) (2 x 220)	(350, 530) (<u>4</u> x 220)	(570, 750) (6 x 220)	(790, 970) (8 x 220)
(150, 510) (3 x 220)	(370, 730) (<u>5</u> x 220)	(590, 950) (7 x 220)	
(170, 710) (4 x 220)	(390, 930) (<u>6</u> x 220)		
(190, 910) (5 x 220)		0370 0730	

Table 1.3. Harmonic mean of the 6-bit binary tree,
as well as the previous and subsequent ones

$2^2 = 1 + 03$ ($3 = 1 \times 03$)	
$2^4 = 1 + 15$ ($15 = 3 \times 05$)	
$2^6 = 1 + 63$ ($63 = 3 \times 21$)	$21 = 3 \times 07$
$2^8 = 1 + 255$ ($255 = 3 \times 85$)	
$2^{10} = 1 + 1023$ ($1023 = 3 \times 341$)	
$2^{12} = 1 + 4095$ ($4095 = 3 \times 1365$)	$1365 = 3 \times 455$
$2^{14} = 1 + 16383$ ($16383 = 3 \times 5461$)	
	$455 - 14 = 441$
...	

Table 1.4. Quantity 455 (from Table 1) in relation with the Pythagorean triple

1	$055 = 5 \times 11$ (prime)	
2	$155 = 5 \times 31$ (prime)	
3	$255 = 5 \times 51$	$(51 = 03 \times 17)$
4	<u>3</u> $55 = 5 \times 71$ (prime)	
5	<u>4</u> $55 = 5 \times 91$	$(91 = 13 \times 07)$
5	<u>5</u> $55 = 5 \times 111$	$(111 = 03 \times 37)$
<u>4</u>	$655 = 5 \times 131$ (prime)	
3	$755 = 5 \times 151$ (prime)	$(171 = 03 \times 57)$ $(171 = 09 \times 19)$
2	$855 = 5 \times 171$	
1	$955 = 5 \times 191$ (prime)	13×111 ↓ 1443

Table 2. Distribution of amino acids within Perfect Protein Amino Acid Similarity System (PPAASS) II

	00	2	→	02 20	G ₀₁ A ₀₄ N ₀₈ D ₀₇ [36]	→	56
1				11			11
	11	2	→	13 31	V ₁₀ P ₀₈ S ₀₅ T ₀₈ [36]	→	67
0				11			11
1	22	2	→	24 42	I ₁₃ L ₁₃ C ₀₅ M ₁₁ [36]	→	78
0	11	5	→	16 61	K ₁₅ R ₁₇ F ₁₄ Y ₁₅ [36]	→	97
				11			11
1	00	5	→	05 50	Q ₁₁ E ₁₀ W ₁₈ H ₁₁ [36]	→	86
0	022						
	220			02 20	G ₀₁ A ₀₄ N ₀₈ D ₀₇ [36]	→	56

$(56 + 78 + 86 = 220)$ $(67 + 97 + 56 = 220)$
 $(65 + 87 + 68 = 220)$ $(76 + 79 + 65 = 220)$

The Table corresponds to Table 2 in Main pap. with some restructuring and additional details. Levo od amonokiseliskih oznaka broj atoma u bočnom nizu, a desno broj atoma u "glavi" of AA (36).

Explanation of Table 2

Pokazana je ogledalna simetrija za broj atoma u bočnim nizovima aminokiselina, na isti način kako je pokazano u Tabeli 2 glavnoga pejpera. Osim toga na desnoj strani je naznačen ukupan broj atoma u aminokiselinskom molekulu. ["Glava" plus "telo" aminokiseline. (Broj atoma u aminokiselinskoj funkcionalnoj grupi plus broj atoma u bočnom nizu).] Kada se prvi red ponovi još jedanput na kraju Tabele tada se dobije simetričan sistem sa tri parna reda i tri neparna (smisao cikličnosti, nastale ponavljanjem prvog redana kraju, videti u: *Comparisson of illustrations I*) . Na dnu Tabele su sumacije: po 220 atoma u tri neparna, kao i u tri parna reda. $[220 + 220 = 440; 440 - 56 = 384]$, the total atom number within 20 amino acid molecules (see Survey 1); broj 440 je ogledalna slika broja 044 koji nalazimo na početku system-aranžmana unutar kojeg se generiše cela niska broja atoma u 20 AAs, u njihovim bočnim nizovima (Survey 2).]

Table 3. Distribution of amino acids within Highly Harmonized Amino Acid Similarity System (HHAASS) I

1	D₀₇	31		39	₁₀E	11
2	N₀₈	31		39	₁₁Q	12
3	A₀₄	09		01	₀₁G	13
4	L₁₃	33		25	₁₀V	14
5	R₁₇	55		43	₁₁H	15
6	F₁₄	49		69	₁₈W	16
7	P₀₈	23		17	₀₅S	17
8	I₁₃	33		25	₀₅C	18
9	K₁₅	41		41	₁₁M	19
10	Y₁₅	57		25	₀₈T	20
055	114	362		324	90	155
530+1 / 530-1				570 -1 / 570 +1		
$530 + 570 = 1100 = 5 \times 220$						

The Table corresponds to Table 1 in Main paper, with additional details.

Explanation of Table 3

x harm str iz preth rada (Tab 3.1) posmatramo ovde kao Highly Harmonized Amino Acid Similarity System (HHAASS) u smislu da

Comparison of illustrations (I)

In Table 2 vidimo da je prvi red ponovljen Prvi red je ponovljen na kraju Tabele, kako je to već i ranije pokazano; analogno postupku Mendeljejeva kada Tablicu kratkih perida PSE stavlja i u nultu i u osmu grupu (Kedrov, Tabela 13, p. 183. a s druge strane nalazimo i da je u sedmom i osmom izdanju svojih *Osnova hemije* elemente prve grupe bakar, srebro i zlato još jednom stavio na sami kraj Tablice.

Table 4. Distribution of amino acids within Highly Harmonized Amino Acid Similarity System (HHAASS) II

D	39		60	E
N	41		62	Q
A	16		15	G
L	50		49	V
R	77		69	H
F	69		103	W
P	38		39	S
I	54		48	C
K	65		71	M
Y	82		53	T

(530 + 01) / (570 – 01)
 (540 – 03) / (560 + 03)

[223 / 308 // 255 / 314]

F	64		33	S
L	48		43	P
I	49		46	T
M	56		27	A
V	40		45	C
Y	78		103	W
H	61		89	R
Q	58		20	G
N	48		68	E
K	66		58	D
220-3 350+1		150-1 up 380+3 dn		
570-2 / 600		530+2 / 500		
Up 370-4 / Dn 730+4 [0370 0730] [111 011]				

Table 5. Light Line Amino Acid Similarity System (LLAASS)
 JTB, Tab 7, p 228

F	64		33	S
L	48		43	P
I	49		46	T
M	56		27	A
V	40		45	C
Y	78		103	W
H	61		89	R
Q	58		20	G
N	48		68	E
K	66		58	D
220-3 350+1			150-1up 380+3 dn	
570-2 / 600			530+2 / 500	
Up 370-4 / Dn 730+4 [0370 0730] [111 011]				

Sve je u odnosu na 530/570 sa promenom ± 2 .

Table 5.1. Light

F	64		57	L
I	48		64	M
V	38		85	Y
H	58		64	Q
N	44		71	K
E	55		54	D
R	79		19	G
C	38		105	W
T	42		32	A
S	32		51	P
210-2 290±0		270±0 up 330+2 dn		
500-2) / 540		600+2 / 560		
Up 480-2 / Dn 620+2 [05 <u>4</u> 0 05 <u>6</u> 0] [11 <u>0</u> <u>1</u> 00]				

Odnos 3 vs 7 i 4 vs 6 analofno je sumama u Tab B1. U sustini, sve je u relaciji sa 540 / 560 koje nalazimo u Tab 5 main pap.

F	64		33	S
L	48		43	P
I	49		46	T
M	56		27	A
V	40		45	C
Y	78		103	W
H	61		89	R
Q	58		20	G
N	48		68	E
K	66		58	D
220-3 350+1		150-1 up 380+3 dn		
570-2 / 600		530+2 / 500		
Up 370-4 / Dn 730+4 [0370 0730] [111 011]				

Table 6. Distinktnog diverziteta aminokiselinski sistem sličnosti
 Distincted Diversity Amino Acid Similarity System (DDAASS)

1	G ₀₁	01		57	₁₅ Y	11
2	A ₀₄	09		41	₁₁ M	12
3	C ₀₅	25		39	₁₀ E	13
4	N ₀₈	31		25	₁₀ V	14
5	P ₀₈	23		33	₁₃ L	15
6	S ₀₅	17		69	₁₈ W	16
7	D ₀₇	31		55	₁₇ R	17
8	T ₀₈	25		49	₁₄ F	18
9	Q ₁₁	39		33	₁₃ I	19
10	H ₁₁	43		41	₁₅ K	20
10	18	66		162	46	50
45	50	178		280	90	105
(055)	(68)	(244)		(442)	(136)	(155)
367 / 569				733 / 531		
(117 x 8 = 936)				(1264 = 632 x 2)		
632 + 623 = 1255						
94 + 273 = 367				258 + 475 = 733		

Poziv na Figure 1. ... (455 - 367 = 88) (655 - 544 = 111)

569 - 367 = 0202 // 733 - 531 = 0202

2121 - 2020 = 0101; (DAS: 569 / 531

(370 - 3) / (730 + 3) // 570 - 1 / 530 + 1

Table 7. Distribution of amino acids within
Elegant Essentialized Amino Acids Similarity System
(EEAASS)

1	S₀₅	17		43	₁₁H	11
2	A₀₄	09		55	₁₇R	12
3	G₀₁	01		25	₁₀V	13
4	P₀₈	23		33	₁₃I	14
5	Q₁₁	39		41	₁₁M	15
6	N₀₈	31		25	₀₈T	16
7	D₀₇	31		49	₁₄F	17
8	E₁₀	39		69	₁₈W	18
9	Y₁₅	57		33	₁₃L	19
10	C₀₅	25		41	₁₅K	20
10	18	50		156	51	50
45	56	222		258	79	105
(055)	(74)	(272)		(414)	(130)	(155)
400 + 01 / 520				700 - 01 / 580		

(110 / 442) (78 / 442)

Table 8. Synthetases-sensitized amino acid similarity system (SSAASS)

1	G ₀₁	01		25	¹⁰ V	11
2	S ₀₅	17		25	⁰⁵ C	12
3	T ₀₈	25		41	¹¹ M	13
4	P ₀₈	23		33	¹³ I	14
5	A ₀₄	09		33	¹³ L	15
6	D ₀₇	31		39	¹⁰ E	16
7	N ₀₈	31		39	¹¹ Q	17
8	K ₁₅	41		55	¹⁷ R	18
9	H ₁₁	43		69	¹⁸ W	19
10	F ₁₄	49		57	¹⁵ Y	20
10	22	66		124	39	50
45	59	204		292	84	105
(055)	(81)	(270)		(416)	(123)	(155)
406 / 579				694 / 521		
579 - 406 = (183 - 10)				694 - 521 = (183 - 10)		
632 + 623 = 1255						
98 + 308 = 406				213 + 481 = 693		

Poziv na Fig 2. xxx (DAS: 569 / 531) (SAS: **579** / **521**) (C, Q and K, F) [173 / 037 → 210] [173 + 371 = 554 - 10; (455 - 367 = 88) (655 - 544 = 111) 569 - 407 = 162 // 693 - 531 = 162,, 162 - 81 x 2. OVDE JE 520 / 580 sa promenom ±1.

FIGURES

0-3-4	1-4-5	2-5-6	3-6-7	4-7-8	5-8-9	(623)
0-2-4	1-3-5	2-4-6	3-5-7	4-6-8	5-7-9	(603)
0-1-4	1-2-5	2-3-6	3-4-7	4-5-8	5-6-9	(583)
034	145	256	367	478	589	(3 x 623)
024	135	246	357	468	579	(3 x 603)
014	125	236	347	458	569	(3 x 583)
72 (333) 405 (333) 738 (333) 1071(333) 1404 (333) 1737						(9 x 603)

Figure 1. xxxx

Trayiti najmanju promenu ima smisa u redu sa oduzimanjem 10 ---

Table 3-1.

xx 563 – 559 = 04; 543 – 549;)) 589 + 111 = 700; 579 + 111 = 690; 569 + 11 = 680 [68 x 3 = 204; 69 : 3 = 23.

[(468 + 569) – (024 + 125) = 888] [(357 + 458) – (135 + 236) = 888]

815 – 371 = 444

Ostaje 246 i 347 sa razlikom 101 koja ako se do ana 444 daje 555 – 10 ...

The 569 neutron number and 405 conformational number in within the set of 20 protein AAs. (Broj neutrona u side chains and comformations u celini molekula). The 1254 (627 x 2) in relation to 1071 (1254 – 1071 = 183) (183 + 381 = 564 as in Table 5).

[046, 465 | 564 → 568 or 569] [100 → 1000 or 1001]

0123 3210	3456 6543	6789 9876	2 8 1 9 6 7 8 9
↓	↓	↓	
3087	3087	3087	9821 1289 (8532) ↓ (594)
[3087 = 6103 - 3016] = (9 x (½ 686))			
3016 = 2016 + 1000			
123 321	456 654	789 987	
198	198	198	
<p>(3087 - 198 = 3285) (8532 - 3285 = 583 = 569 + 14)</p> <p>(3087 x 2 = 6174) (8532 - 2358 = 6174 = 686 x 9)</p>			

Figure 2. xxxx

7803 vs 3087 = (2 x 2358) / (10890 = 330 x 033)

/00 - 03 /	04 - 07 /	08 - 11 /	12 - 15 //	16 - 19 /	20 - 23 /	24 - 27 /	28 - 31 /
06	22	38	54	70	86	102	118
	16	16	16	16	16	16	16
/00 - 03 /	00 - 07 /	00 - 11 /	00 - 15 //	00 - 19 /	00 - 23 /	00 - 27 /	00 - 31 /
06	28	66	120	190	276	378	496
022	38	54	70	86	102	118	

Figure 3. xxxx

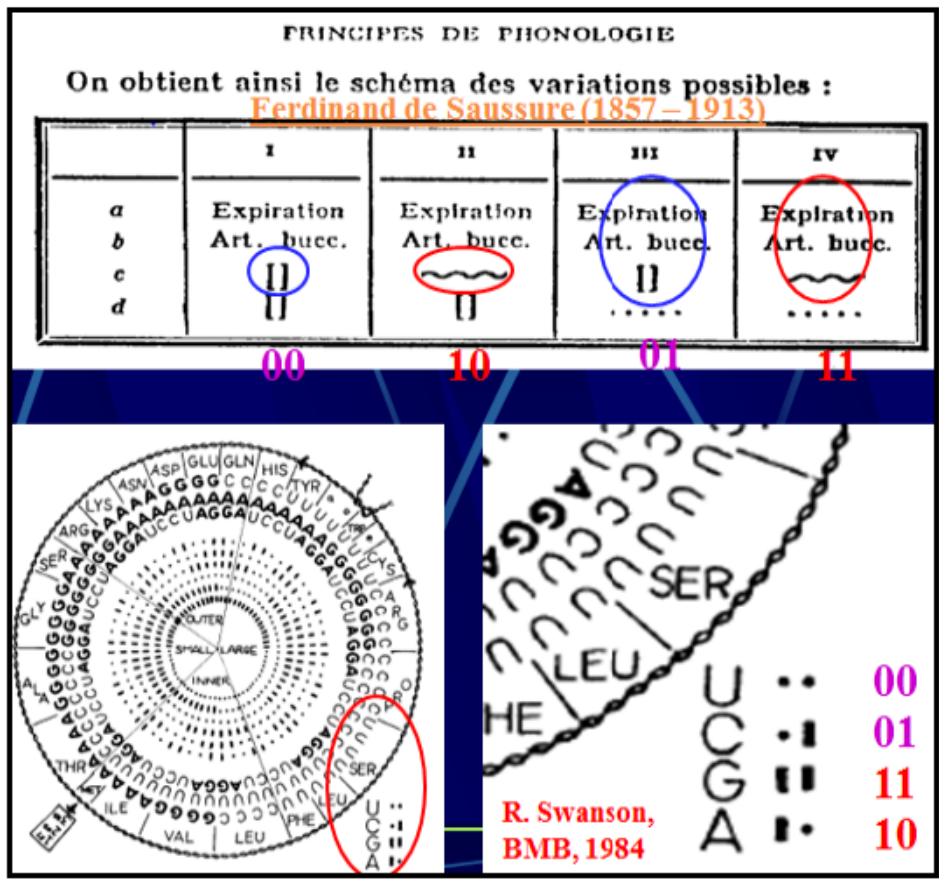


Figure 4. Principi fonologije su genetski principi ...

DISPLAYS

Display 1. Distribution

	Poly				Mono			
	O	E			O	E		
(s, p)	9	11	(5 x 4)		8	1	9	(29)
(d, f)	4	12	(4 x 4)		11	0	11	(27)
	13	23	36		19	01	20	56
$[(13 + 19 = 8 \times 4 = 32)]$ $[(23 + 01 = 8 \times 3 = 24)]$								

According to: MMR, 2020, <https://doi.org/10.31219/osf.io/34c8n> July 27, 2020; on my site also. "Labels as follows; Poly – Poly-isotopic elements; Mono – Monoisotopic elements; O – Odd elements; E – Even elements. On the left side of the Table it is shown that the number of stable multi-isotopic elements is 36, exactly as we presented in the previous paper (MMR, 2018b, Survey 3a, p. 296). On the right side, there is a well-known fact that there are 20 monoisotopic elements. There are 56 total stable elements, namely: 28+1 elements of *s, p* type (non-transition elements) and 28-1 elements of *d, f* type (transition plus inner transition elements). [Cf. Survey B5: on the total number of stable isotopes (56).]"

The 13/23 kao u Polyhedronu, jer se mono nisu uzimali u obzir ...

Display 2. Distribution

$18 + 9 + 41$	=	68	176	176 89 ↓	(1) 210 (2) 221 (3) 232 (4) 243	GC: 645 546 ↓
$37 + 11 + 60$	=	108				
$8 + 4 + 16$	=	28	189	265	022 220	ChC: 465 564 ↓
$67 + 12 + 82$	=	161				
$8 + 8 + 34$	=	50	54	189 54 ↓	(6) 265 (7) 276 (8) 287 (9) 298	1110 1110
$1 + 1 + 2$	=	4				
$11 + 11 + 67$	=	89	89			
$013 + 135 + 035 = 183$ [$183 + 381 = 564$]						

The $13 + 135 + 35 = 183$ [$183 + 381 = 564$]

Prva dva reda from Survey 1 (Surv 1: (8, 9, 41), (37, 11, 60)); Druga dva rda from Survey 2 (Surv 2: (8, 4, 16), (67, 12, 82)); teća dva reda from Survey 3; last row from Survey 4.

First two rows from Survey1; Second two (Surv 2), Third ... itd. The 183 vs 1183 vs 1184 itd.
 $1131 - 1311 = 180$; $1131 + 1311 = 2442 = 33 \times 74$; $2442 \times 4 = 8658 + 1110$
 /Cf. Diplay 7.1. (1911 vs 1191 \rightarrow 720) (1911 + 1191 = 3102)
 (9201 - 1029 = [10230 (8712)]) [8712 = 8658 + 44] $13 \times 666 = 8658$
 $13 \times 777 = 10101$; $13 \times 111 = 1443$... Gde mi je još 183? Evo ga u legend Tab A1, u vezi sa 1254 (Tab 5, u legendi) ...

Display 3. Distribution

176 671		(1) 1101
310	671	(2) 1211
189 981	980	(3) 1321
531	↓	(4) <u>1431</u>
054 450	<u>1651</u>	
530		220 022
089 980	981	(6) <u>1651</u>
	450	(7) 1761
531 = 530 + 1	↓	(8) 1871
310 = 530 - 220	<u>1431</u>	(9) 1981
530 = 6 + 28 + 496		
310 + 531 + 530 = 1371 [1371 - 183 = 594 x 2] 1371 → <u>138</u>		

Događa se kod 4,5,6.

1541= 1515 - 10) (1515 vs 5151 koji broj je zbir od 1 do 101. od 1 do 99 je 5940. A dijagonalna od 11 do 91 je 451

(Sredina: 1431 + 1651 = 3082) [220 + 022 = 242] (3082 - 242 = 284 x 10). Osim toga, broj 242 je signifikantan i po drugoj osnovi, jer 242 = 121, što je 11 x 11; a 1210 je 5-ti FN.

Display 4. Distribution

ChC	GC	ChC	GC
(1) 210	(1) 510	$210 + 298 = 508$	(1) 11
(2) 221	(2) 520	$221 + 287 = 508$	(2) 21
(3) 232	(3) 530	$232 + 276 = 508$	(3) 31
(4) <u>243</u>	(4) 540	<u>$243 + 265 = 508$</u>	(4) <u>41</u>
<u>0254</u>	(5) 550	$254 + 254 = 508$	(5) 51
		GC	
(6) <u>265</u>	(6) 560	$510 + 590 = 220 \times 5$	(6) <u>61</u>
(7) 276	(7) 570	$520 + 580 = 220 \times 5$	(7) 71
(8) 287	(8) 580	$530 + 570 = 220 \times 5$	(8) 81
(9) 298	(9) 590	$540 + 560 = 220 \times 5$	(9) 91
		$550 + 550 = 220 \times 5$	

The 508 vs 518 and 1508.

Druga kolona, crveni su y Tab A3, q 550 je u Fig. 3.

$510 - 210 = 300$ $550 - 254 = 296 = \frac{1}{4} 1184$. [$254 = 2 \times 127$] ($254 = 2 \times 127$) [0254 | 1254] ($1254 = 2 \times 627$) ($627 + 628 = 1255$) $510 - 210 = 300$.

Tabuar Display 2.1. Distribution

<u>120</u>	120
012 → [0 -1- 1 -1- 2]	21
	141
<u>141</u>	21
114 → [1 -0- 1 -3- 4]	162
	21
<u>162</u>	183
126 → [1 -1- 2 -4- 6]	63
	120
<u>183</u>	
138 → [1 -2- 3 -5- 8]	1 8 3
	┌-----┐
$120 + 141 + 162 + 183 = 606$ [$606 \times 2 = 1212$] $021 + 141 + 261 + 381 = 804$ [$804 \times 2 = 1608$]	
$[804 - 606 = 198]$ [$1608 - 1212 = 396$]	
$[198 + 396 = 594]$ [(6 x 99), (3 x 99), (2 x 99)] 495, 693, 891 [(5 x 99), (7 x 99), (9 x 99)]	
(6- 5 = 1), (7 - 3 = 4), (9 - 2 = 7)	

Tabuar Display 2.2. Distribution. Geneticki niz, jer kolona sa pocetnim 5, sadrzi to 5 nadalje; isto je sa početnim 10. A to je odnos celine i polovine

$0 \rightarrow 05 = 15$	$0 \rightarrow 10 = 55$	$55 = 2040 - 1985$
	015 055	155
$0 \rightarrow 15 = 120$	$0 \rightarrow 20 = 210$	$210 = 2040 - 1830$
	0120 0210	255
$0 \rightarrow 25 = 325$	$0 \rightarrow 30 = 465$	$465 = 2040 - 1575$
		355
$0 \rightarrow 35 = 630$	$0 \rightarrow 40 = 820$	$820 = 2040 - 1220$
		455
$0 \rightarrow 45 = 1035$	$0 \rightarrow 50 = 1275$	$1275 = 2040 - 765$
		555
$0 \rightarrow 55 = 1540$	$0 \rightarrow 60 = 1830$	$1830 = 2040 - 210$
		655
$0 \rightarrow 65 = 2145$	$0 \rightarrow 70 = 2485$	$2485 = 2040 + 445$
		755
$0 \rightarrow 75 = 2850$	$0 \rightarrow 80 = 3240$	$3240 = 2040 + 1200$
		855
$0 \rightarrow 85 = 3655$	$0 \rightarrow 90 = 4095$	$4095 = 2040 + 2055$
		955
$0 \rightarrow 95 = 4560$	$0 \rightarrow 100 = 5050$	$5050 = 2040 + 3010$

$$0 \rightarrow 05 = 15 / 0 \rightarrow 10 = 55$$

Tabuar Display 2.3. Distribution

$0 \rightarrow 05 = 15$	$0 \rightarrow 10 = 55$	$15 + 4560 = 4575 = 25 \times \boxed{183}$			
015 055		800 (768) 32			
$0 \rightarrow 15 = \underline{120}$	$0 \rightarrow 20 = 210$	$\underline{120} + 3655 = 3775 = 25 \times 151$			
0120 0210		600 (576) 24			
$0 \rightarrow 25 = 325$	$0 \rightarrow 30 = 465$	$325 + 2850 = 3175 = 25 \times 127$			
		400 (384) 16			
$0 \rightarrow 35 = 630$	$0 \rightarrow 40 = 820$	$630 + 2145 = 2775 = 25 \times 111$			
		200 (192) 08			
$0 \rightarrow 45 = 1035$	$0 \rightarrow 50 = 1275$	$1035 + \underline{1540} = 2575 = 25 \times 103$			
$0 \rightarrow 55 = \underline{1540}$	$0 \rightarrow 60 = \boxed{1830}$	$768 : 8 = 96$ $576 : 6 = 96$ $\underline{384} : 4 = 96$ $192 : 2 = 96$	$\underline{183}$	$\underline{151}$	127
$0 \rightarrow 65 = 2145$	$0 \rightarrow 70 = 2485$		↓	↓	↓
			$\underline{103}$	$\underline{111}$	127
$0 \rightarrow 75 = 2850$	$0 \rightarrow 80 = 3240$	768 384 192	576 288 144 72 36	$381 - 183 = 198$	
				$301 - 103 = 198$	
$0 \rightarrow 85 = 3655$	$0 \rightarrow 90 = 4095$			$721 - 127 = \underline{594}$	
$0 \rightarrow 95 = 4560$	$0 \rightarrow 100 = 10100$			$(4 \times 99) \text{ vs } (\underline{6} \times 99)$	

Tabuar Display 2.4. Distribution

1	05		10	11	$\begin{array}{r} 045 \\ 420 \\ \downarrow \\ 465 \mid 564 \\ [564 = 183 + 381] \end{array}$
2	15		20	12	
3	25		30	13	
4	35		40	14	
5	45		50	15	
6	55		60	16	
7	65		70	17	
8	75		80	18	
9	85		90	19	
10	95		100	20	
					$\begin{array}{r} \boxed{546 \mid 645} \\ 654 \mid 456 \\ \downarrow \\ 1665 \mid 1665 \\ \boxed{654 + 789 = 1443} \end{array}$
$\boxed{10}$	$\boxed{80}$		100	50	
45	420		450	105	
\downarrow	\downarrow		\downarrow	\downarrow	
55	500		550	155	
555 (555 + $\boxed{90}$)		705 615		$\begin{array}{r} 1320 \\ 1200 \\ (504 \times 5) \end{array}$	
$\boxed{1110} + 90$		1320			$\begin{array}{r} 1320 \\ (264 \times 5) \end{array}$
(1200)					

Tabuar Display 2.5. Distribution

456^1	654^2	→	198 (1110)
			99 / (81 X 1)
465^3	564^4	→	99 (1029)
			00 / (81 x 2)
546^5	645^6	→	99 (1191)
198 + 396 = 594			396 / 3330
1665 + 1665 = 3330			
$564 = 183 + 381$ [654 + 789 = 1443] [1029 = 343 = 686 : 2] 654 vs 456 → 198 (1110) 645 vs 465 → 180 (1110) 564 vs 546 → 018 (1110)			

SURVEYS

Survey 1. "Element number", "Stable isotope number" and
"Groupe number" in (s, p) stable poly-isotopic elements

1	I Li ₂ ,	2	1	1	10±1
3	III B ₂ , III Ga ₂ , III Tl ₂	6	3	9	
5	V N ₂ , V Sb ₂	4	2	10	
7	VII H ₂ , VII Cl ₂ , VII Br ₂	6	3	21	
		18	9	41	51 - 10
2	II Mg ₃ , II Sr ₄	7	2	4	37
4	IV C ₂ , IV Si ₃ , IV Pb ₄	9	3	12	18
6	VI O ₃ , VI S ₄	7	2	12	↓ 19
8	VIII He ₂ , VIII Ne ₃ , VIII Ar ₃ , VIII Kr ₆	14	4	32	
		37	11	60	50 + 10
(18 + 37 = 55), (9 + 11 = 20), (41 + 60 = 101)					

Black element number, red isotope number and pink group number.

20, 55, 71.

Survey 2. "Element number", "Stable isotope number" and
"Groupe number" in (d, f) stable poly-isotopic elements

1	I Cu ₂ , I Ag ₂	4	2	2
5	V Ta ₂	2	1	5
9	IX Ir ₂	2	1	9
		08	4	16
2	II Zn ₅ , II Hg ₇ , II Ib ₇	19	3	6
4	IV Ti ₅ , IV Ce ₄	9	2	8
6	VI Cr ₄	4	1	6
8	VIII Fe ₄ , VIII Ru ₇	11	2	16
10	X Ni ₅ , X Pd ₆	11	2	20
12	XII Dy ₇	7	1	12
14	XIV Er ₆	6	1	14
		67	12	82
(8 + 67 = 75), (4 + 12 = 16), (16 + 82 = 98)				

16, 44, 48

Survey 3. "Element number", "Stable isotope number" and
"Groupe number" in (s, p) stable monoisotopic elements

1	I Na ₁ , I Cs ₁	2	2	2
3	III Al ₁	1	1	3
5	V P ₁ , V As ₁ , V Bi ₁	3	3	15
7	VII F ₁ , VII I ₁	2	2	14
		08	8	34
2	II Be ₁	1	1	0 ?
		1	1	0
(8 + 1 = 9), (8 + 1 = 9), (34 + 0 = 34)				

Oznaka za redni broj grupe "0" dolazi za Berilium od radne hipoteze ... POKAZALO SE DA JE OVOJ MAEMATICI NATUALIS PIHVAĆENA KAKO U REALNOSTI I JESTE, DRUGA GRUPA, OTUDA KVANTITET 2 U TABELI 3.

Survey 4. "Element number", "Stable isotope number" and
 "Groupe number" in (d, f) stable monoisotopic elemen

1	I Au ₁ , I Tm ₁	2	2	2
3	III Sc ₁ , III Y ₁	2	2	6
5	V Nb ₁ , V Pr ₁	2	2	10
7	VII Mn ₁	1	1	7
9	IX Co ₁ , IX Rh ₁	2	2	18
11	XI Tb ₁	1	1	11
13	XIII Ho ₁	1	1	13
		11	11	67
(11), (11), (67)				

ADDITIONAL NOTES

Ne pozivati se na njih, samo obrnuto.

1. xxxxx
2. xxxxx
3. xx