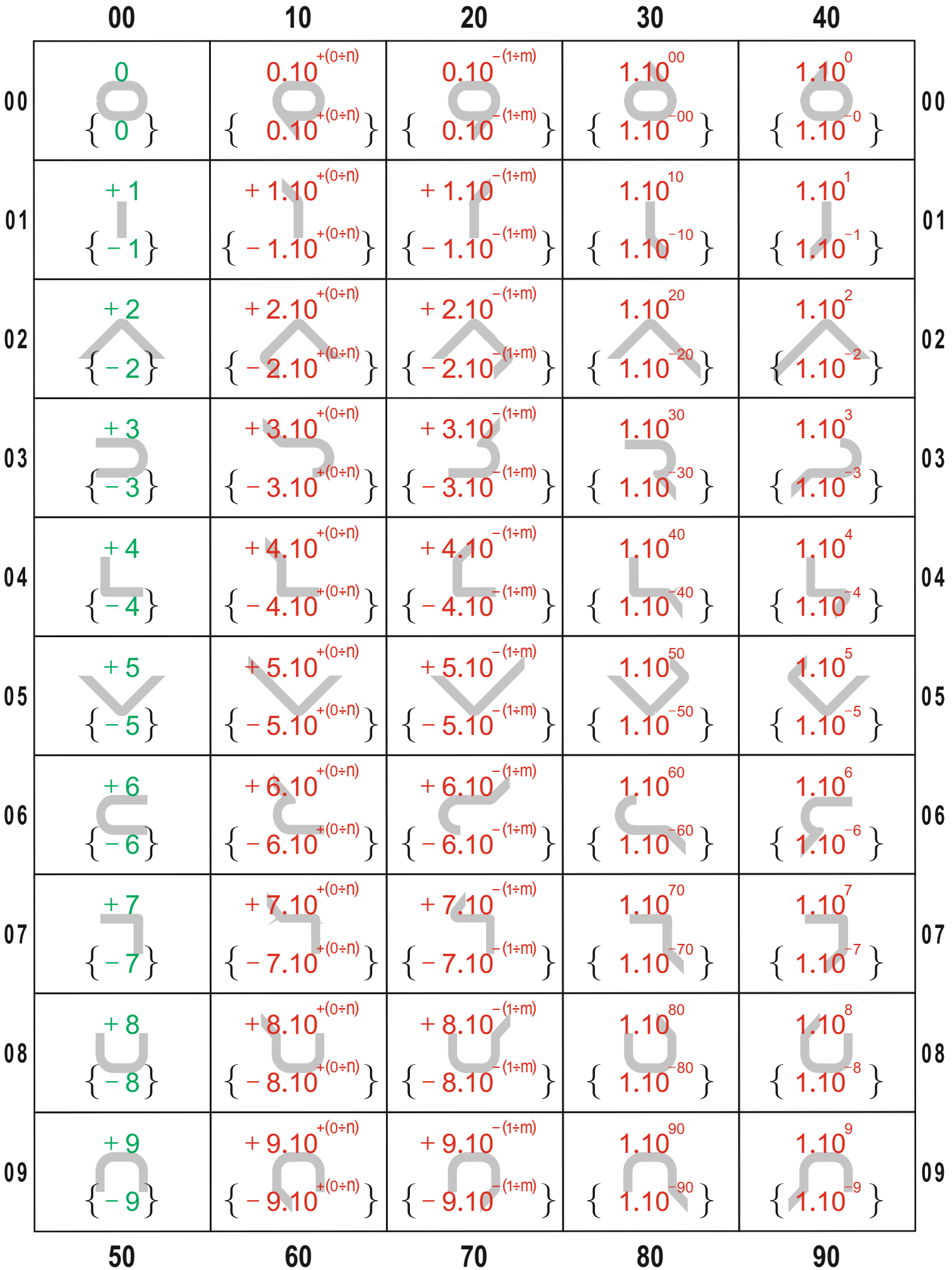
Other applications of the sign system:

1.0 Denotation of numerical values



* With green color are shown the correspondences for integers and with red the correspondences for real numbers.
* (0÷n) - the integer digits of a real number
* (1÷m) - the fractional digits of a real number

1.1 Examples for denotation of integers

+12345	
−12345	

1.2 Examples for denotation of real numbers

+123,450	
−123,450	
0,1234	
$+2345.10^{-22}$	
-2345.10^{+22}	

*In parenthesis is shown a second variant of the record.

2.0 Denotation of data sets

00	10	20	30	40	
0 0.0 { 50 5.0 }	10 1.0 { 60 6.0 }	20 2.0 { 70 7.0 }	30 3.0 { 80 8.0 }	40 4.0 { 90 9.0 }	00
1 0.1 { 51 5.1 }	11 1.1 { 61 6.1 }	21 2.1 { 71 7.1 }	31 3.1 { 81 8.1 }	41 4.1 { 91 9.1 }	01
2 0.2 { 52 5.2 }	12 1.2 { 62 6.2 }	22 2.2 { 72 7.2 }	32 3.2 { 82 8.2 }	42 4.2 { 92 9.2 }	02
3 0.3 { 53 5.3 }	13 1.3 { 63 6.3 }	23 2.3 { 73 7.3 }	33 3.3 { 83 8.3 }	43 4.3 { 93 9.3 }	03
4 0.4 { 54 5.4 }	14 1.4 { 64 6.4 }	24 2.4 { 74 7.4 }	34 3.4 { 84 8.4 }	44 4.4 { 94 9.4 }	04
5 0.5 { 55 5.5 }	15 1.5 { 65 6.5 }	25 2.5 { 75 7.5 }	35 3.5 { 85 8.5 }	45 4.5 { 95 9.5 }	05
6 0.6 { 56 5.6 }	16 1.6 { 66 6.6 }	26 2.6 { 76 7.6 }	36 3.6 { 86 8.6 }	46 4.6 { 96 9.6 }	06
7 0.7 { 57 5.7 }	17 1.7 { 67 6.7 }	27 2.7 { 77 7.7 }	37 3.7 { 87 8.7 }	47 4.7 { 97 9.7 }	07
8 0.8 { 58 5.8 }	18 1.8 { 68 6.8 }	28 2.8 { 78 7.8 }	38 3.8 { 88 8.8 }	48 4.8 { 98 9.8 }	08
9 0.9 { 59 5.9 }	19 1.9 { 69 6.9 }	29 2.9 { 79 7.9 }	39 3.9 { 89 8.9 }	49 4.9 { 99 9.9 }	09
50	60	70	80	90	

*The sign correspondences are for one-dimensional (green color) and two-dimensional (red color) arrays.

2.1 Examples for denotation of data from a one-dimensional array

A (1024)	
A (6377)	

2.2 Examples for denotation of data from a two-dimensional array

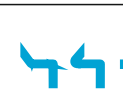
A (1024 . 950)	
A (950 . 950)	

*In parenthesis is shown a second variant of the record.

3.0 Denotation of amino acids and their codons

	00	10	20	30	40	
00	Ala {Arg}	Ala-A {Arg-A}	Ala-C {Arg-C}	Ala-G {Arg-G}	Ala-U {Arg-U}	00
01	Ile {His}	Ile-A {His-A}	Ile-C {His-C}		Ile-U {His-U}	01
02	Asn {Asp}	Asn-A {Asp-A}	Asn-C {Asp-C}	A {Asp-G}	Asn-U {Asp-U}	02
03	Phe {Pro}	{Pro-A}	Phe-C {Pro-C}	{Pro-G}	Phe-U {Pro-U}	03
04	Lys {Leu}	Lys-A {Leu-A}	{Leu-C}	Lys-G {Leu-G}	{Leu-U}	04
05	Val {Met}	Val-A {Met-A}	Val-C	Val-G {Met-G}	Val-U {Met-U}	05
06	Cys {Ser}	C {Ser-A}	Cys-C {Ser-C}	Cys-G {Ser-G}	Cys-U {Ser-U}	06
07	Trp {Thr}	T {Thr-A}	{Thr-C}	Trp-G {Thr-G}	Trp-U {Thr-U}	07
08	Tyr {Gly}	Tyr-A {Gly-A}	Tyr-C {Gly-C}	U {Gly-G}	Tyr-U {Gly-U}	08
09	Glu {Gln}	Glu-A {Gln-A}	G {Gln-C}	Glu-G {Gln-G}		09
	50	60	70	80	90	

3.1 Example for denotation of DNA, RNA and polypeptide chains

DNA	ATG	GCT	GGA	AAT	ACT	TGA
RNA	AUG	GCU	GGA	AAU	ACU	UGA
						
AA	START	Ala	Gly	Asn	Thr	STOP
	START					STOP