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ESSAY · TRANSLATION

The Three Developed Base Numbers of the Number Space

German original: *Die drei entwickelten Basiszahlen des Zahlenraums*

by Dietus Elbl

THIS ESSAY IN OTHER LANGUAGES

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Every number in itself exists as a formal unit on two levels. One of them is well known to us and represents the limited, material aspect of being, whose representation corresponds to the *real* number range, under which the number forms 1, 2 or 3 fall. The spiritual level of numbers, linked with infinity, is connected with the *reciprocal* number range, which, as the counterpart to the real number space, can be represented through the reciprocals of the numbers 1/1, 1/2 or 1/3 etc.

Just as the outer appearance of a human being (height, weight etc.) conveys only very limited information about his actual essence, a number can reveal its true essence only through its reciprocal (the "inner"), which is why the external, ordinal numbers (real), like the posts of a picket fence, always appear as boundaries, and the reciprocal numbers, as cardinal aspects, span the space in between, which is interwoven with the contents.
If we want to grasp the individual, limited and subjective component of a number, we examine its real form. If, on the other hand, we are interested in its essential and unlimited characteristics, we turn to its reciprocal representation.

Inner and outer, real and reciprocal etc. are always joined through a connection (mathematically e.g. division) into a **unity or threeness**, which becomes visible in the threefold division of the number field and its three constants.

These fundamental number constants can be categorised archetypally as follows:

female basic structure number	121
neutral child aspect	098
male base number	081
Sum	300

The "parent numbers" 81 and 121 represent duality here, and are to be regarded as emanations of the middle (child aspect). Thus father/mother become experienceable as mirror forms of the centre ("zero point"), which, together with the 98, appear as the trinity of the universal source. The 81 is just as much a square number (9^2) as the 121 (11^2), and both, through their fourth powers (1^4 = 121 and 3^4 = 81), represent the physical world as anchors of reality.

The 9, as the largest number among the numerals (10 is already the first repetition and contains the number 1 as well as zero), was linked in the *tzolkin (→ see "flor y canto")* with the sun and the meaning "realize" = to recognise. The 11, on the other hand, embodies the reciprocal or antagonistic principle to it, letting go (release). Just as the numbers 9 and 11 are arranged symmetrically around the middle, the decimal number 10, the contents connected with them reflect this fact perfectly in their meaning *realize - release*.

The fact that all numbers stem from the unity 1^2 is easy to comprehend; how these "number children" are born out of the middle is shown by the following representation:

creation from the middle

1	*	*1*	=	*1*
11	*	*11*	=	*121*
111	*	*111*	=	*12321*
1111	*	*1111*	=	*1234321*

etc.

The number mother - the female base number 121 - also carries all her children within her, as the reciprocal representation reveals:

1/121 = 0.008264462809917355371 9 periodic = 22-digit period

=	0.00826446280	female part
=	0.99173553719	male part
=	0.99999999999	"sum"

All numbers from zero to nine are contained twice in the period, whereby these sequences of numbers are each mirrored symmetrically around the middle and, laid over one another, represent the unity 1^2 in its infinite representation (0.9999999999).

Analogously, the number 81 represents the male, moving component in this structure:

1/81 = 0.01234567(8)(9)(10)(11)... = 0.012345679 periodic

The 9-digit period arises here through "overwriting" (even for multi-digit numbers only 1 decimal place is ever available as a "seat"), but it reflects the sequence of the natural, whole numbers in their ordered succession.

Both number constants (121, 81) form the basis of our physical reality, as the chemical elements in the periodic table illustrate. There we find exactly 81 stable elements among the 121 that exist in total in the universe. Dominion over matter has inseparably to do with these numbers, as is also shown by the inner structure of the Prieure de Sion as an "elitist" community of knowledge.

The basic order of this association rests on the expansion of the number 3, which is born from emptiness (number 0) and appears as the primary creative potential. The 81 members of the lowest level are supplemented on the following levels by 27, then 9 and again 3 members, and at the end the summit is reached with the Navigator. All together they add up to 121 members:

81 + 27 + 9 + 3 + 1^2 = **121**

Besides the polar parent numbers 81 and 121, we are interested here in the child, the number 98. In its period it shows us the sequence of the *female prime numbers*, the development series of the 2 or the overtone series.

1/98 = 0.01020408163265.....

The child can be regarded either as an independent being and inseparable unity (number 98) or as the product of man and woman (double form of existence, numbers 49 + 49).

If we examine the number family father-child-mother (81-98-121) as a unity, we recognise in their differences from one another not only the two possibilities of representing the child aspect, but also receive a hint of the root of three, which expresses the highest creative potential in the realm of numbers:

121	98	81
23	*17* |	
121	49/49	81
1^2 + *71*	*32* |	

In the first row we find the differences 23 and 17, which, as four digits, give the root of three: → √3 = 1.732

In the second row we find the reciprocal values to these, 71 and 32, whereby, through the structural division of the 98 into its parts 49 + 49, the "plus 1 factor" appears in the larger difference.

The dynamic relationship of the number family among themselves is potentially preserved, but the potentials themselves (differences) are mirrored. The child, or the number 98, is coupled to the number seven, as becomes evident in the representation of the numbers 49 + 49 in the form 7^2 + 7^2. Seven is the first of the cyclic numbers, whose period remains unchanged in its digit values under any multiplication. Furthermore, it embodies the centre of the 13 dimensions that build up the cosmos, whereby the first and the last (1st and 13th) always add up to the number 14, which, among others, Johann Sebastian Bach also chose as his key number.

> → *cf. also the nun (14th Hebrew letter) and the fish-serpent (nahash)*

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