



# Mensionization Complementation

## The Mathematics of Hermetic Alchemy

### INDEX L-3

## Shao Yong (*Xiantian*) Hexagrams

### Before Heaven Arrangement Circa 1011-1077 CE

**Note:** The following arrangement was taken from *Steve Marshall's* article on "Yijing Hexagram Sequences," *Steve Marshall* is also the author of "The Mandate of Heaven," a book about the historical origins of the *I Ching*. The binary conversions and *Alchemy Hexagons* are *Charlie H Higgins* constructs. Steve Marshall had this to say about the Shao Yong arrangement.

*"The Fuxi binary sequence (i.e. Shao Yong's Xiantian ['Before Heaven'] sequence) is upside down. In order to read the 64 gua as binary numbers with the decimal equivalents 0–63 you have to read them from the top line downwards with yang being 1 and yin 0."*

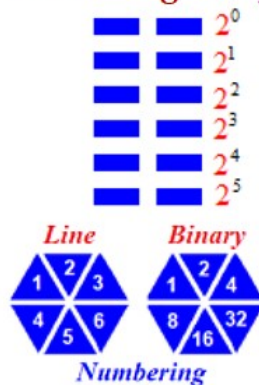
### Legend of the following Hexagrams and Hexagons

The *Line Numbering* of the hexagrams follows an *inverse I Ching* method of numbering from top line to the bottom line. This sequence is an *inverse* version of a standard binary sequence.



The *binary value* is based on the  $2^n$  progression where *line 6* is equal to  $2^0$ .

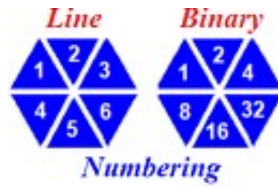
### Shao Yong $2^n$ System



# The Hexagrams

1	2 	23 	8 	20 	16 	35 	45 	12 
	0	1	2	3	4	5	6	7
2	15 	52 	39 	53 	62 	56 	31 	33 
	8	9	10	11	12	13	14	15
3	7 	4 	29 	59 	40 	64 	47 	6 
	16	17	18	19	20	21	22	23
4	46 	18 	48 	57 	32 	50 	28 	44 
	24	25	26	27	28	29	30	31
5	24 	27 	3 	42 	51 	21 	17 	25 
	32	33	34	35	36	37	38	39
6	36 	22 	63 	37 	55 	30 	49 	13 
	40	41	42	43	44	45	46	47
7	19 	41 	60 	61 	54 	38 	58 	10 
	48	49	50	51	52	53	54	55
8	11 	26 	5 	9 	34 	14 	43 	1 
	56	57	58	59	60	61	62	63

# The *Shao Yong* 'Before Heaven' Hexagrams using Hermetic Alchemy Hexagons



To understand *Hermetic Alchemy's* use of *Hexagons*, read INDEX E-1 on "Calculating Binary Hexagrams" and INDEX F on "The Seal of Solomon Hexagrams."

