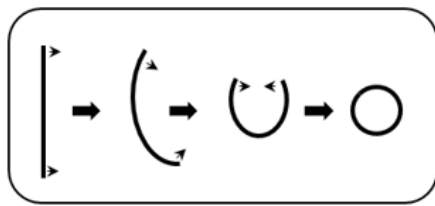


OILU Symbolic

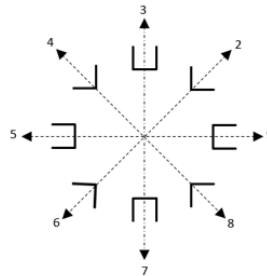
A New Way of Viewing and Manipulating Numbers

Since the dawn of time, the human being has not stopped reproducing basic actions and forms during his daily activities, such as handling and bending soft branches to make bows and arrows, baskets and other useful objects. So why not numbers too?

The OILU symbolic uses four basic symbols {O, I, L, U} for the generation of an efficient decimal numbering system.



Basic forms produced by bending a flexible rod



(a) Symbols orientation

Decimal	OILU Symbol	Symbol's components			
		Seg1	Seg2	Seg3	Seg4
0	□	1	1	1	1
1	I	1	0	0	0
2	L	1	1	0	0
3	U	1	1	1	0
4	J	0	1	1	0
5	⊐	0	1	1	1
6	⌋	0	0	1	1
7	⌈	1	0	1	1
8	⌒	1	0	0	1
9	⊔	1	1	0	1

(c) Symbols Codification

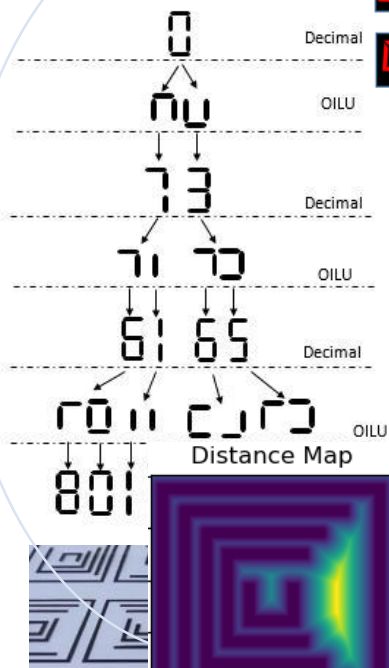
Main Advantages...

- ✓ Pyramidal Numbers superimposition
- ✓ Multifacets Numbers View
- ✓ Numbers splitting...

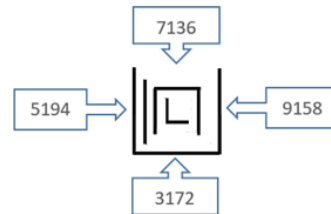
Main Applications...

- ✓ New Number Series Generator
- ✓ New 2D Labeling Bar codes
- ✓ New Visual Markers
- ✓ New Encryption Schemes

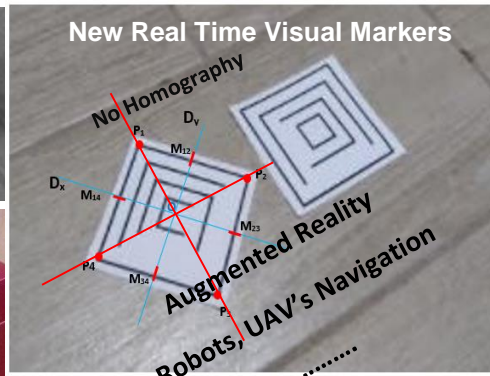
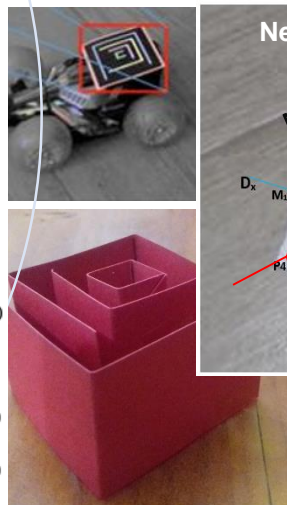
New Number Series Generator



(a) Serial digits display



(b) Pyramidal digits display



US Patent Application
Nº: 63/199-424, 2020