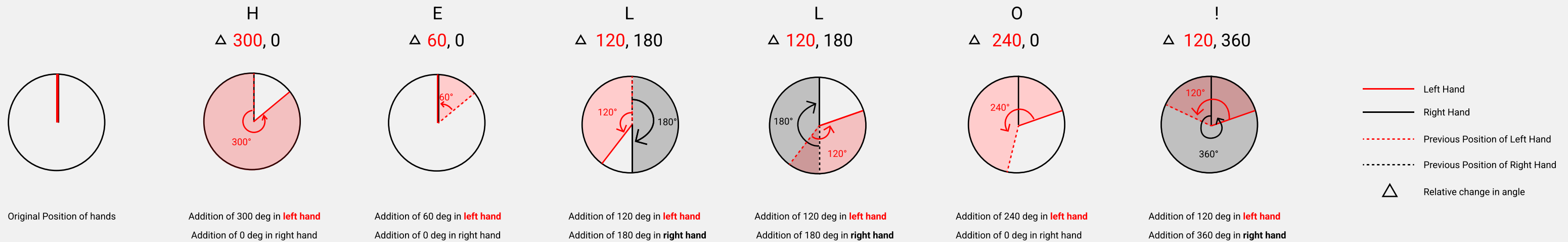
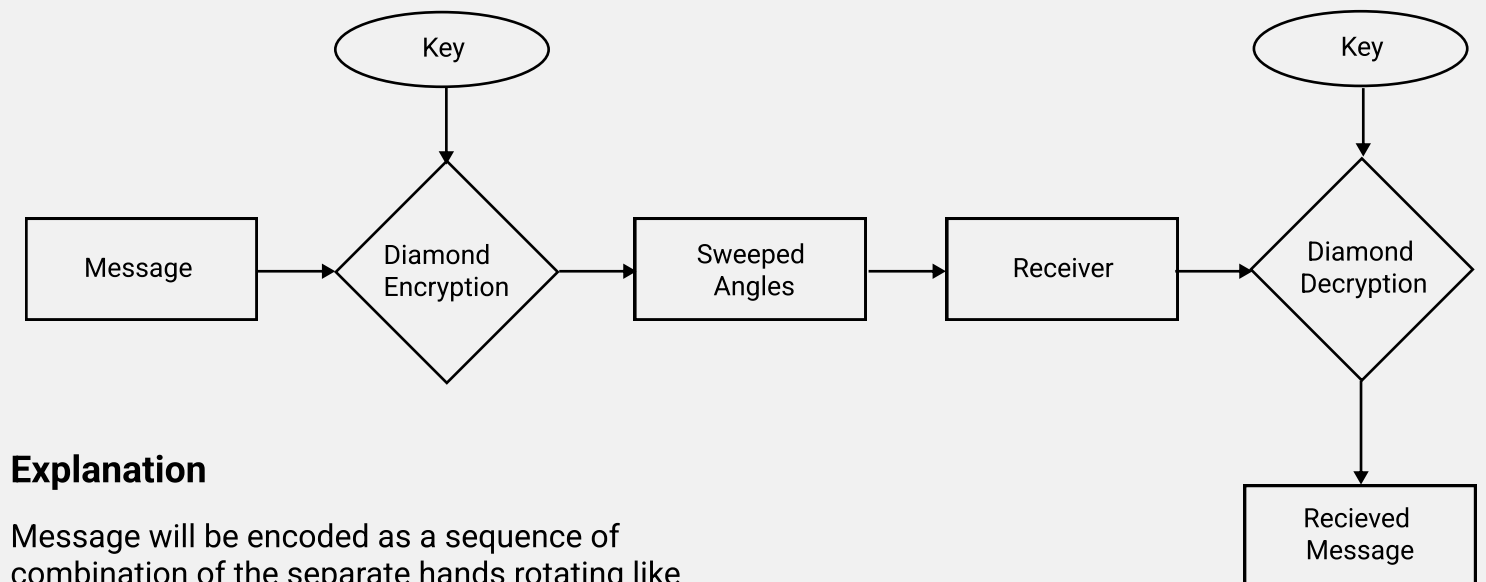
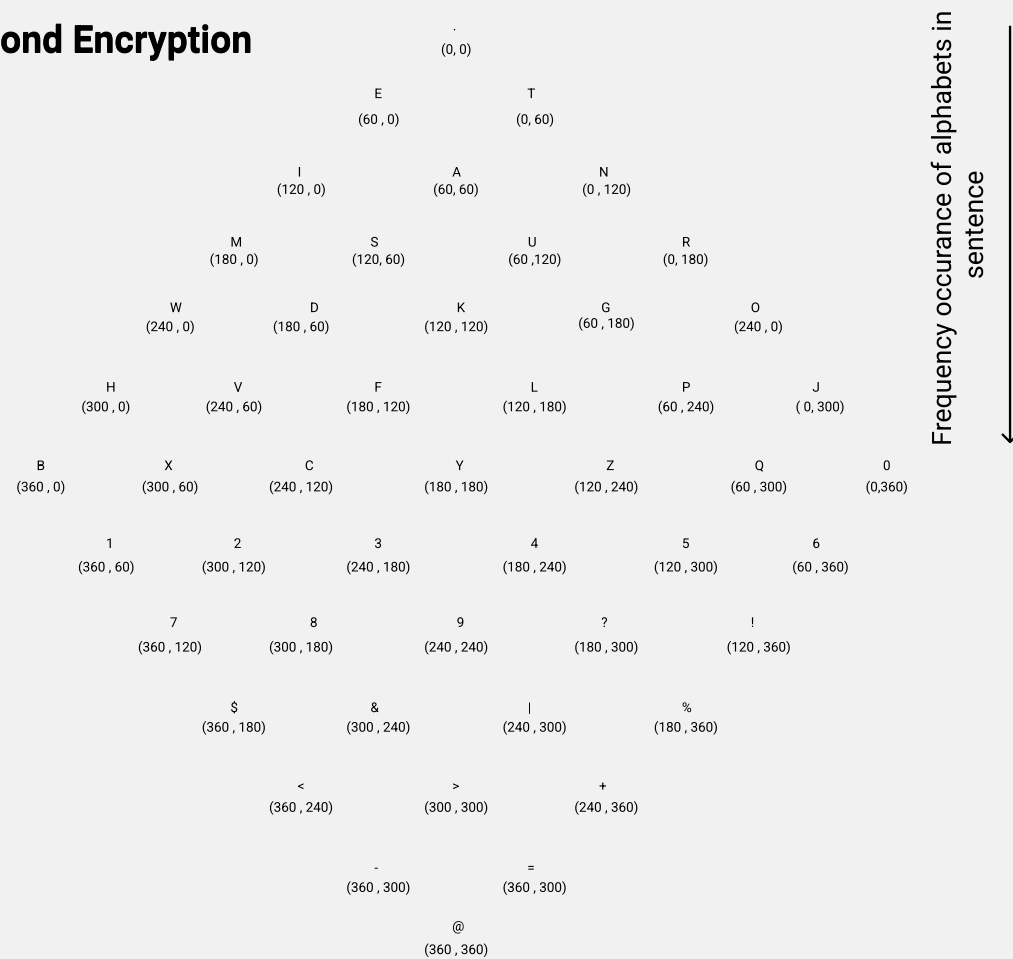


# Hello !



## Diamond Encryption



### Explanation

Message will be encoded as a sequence of combination of the separate hands rotating like a clock.

The sender will see the Code Table to encode the message.

The combination of the each arm's angle of increment forms an unique parameter ( $\Delta x, \Delta y$ ) that represents a character or number.

The receiver will check the key and decode the received message

- Steps of alphabet moved in each diamond

Clockwise

 $1 \rightarrow \dots$ 

The diagram illustrates a diamond-shaped grid with three layers of nodes. The 1st Layer (outermost, yellow) contains 19 nodes. The 2nd Layer (middle, light green) contains 12 nodes. The 3rd Layer (innermost, dark green) contains 7 nodes. Nodes are labeled with letters, numbers, and symbols, each with a coordinate pair (x, y). A legend at the bottom right identifies the layers. A legend at the bottom left shows a green arrow for 'Clockwise' and a red arrow for 'Anti-clockwise'.

**1st Layer Diamond**

**2nd Layer Diamond**

**3rd Layer Diamond**

**Legend:**

- ← Clockwise
- Anti-clockwise

← Clockwise  
→ Anti-clockwise

Letter	Δ Angel	Letter	Δ Angel
A	(60,60)	S	(120, 60)
B	(360, 0	T	(0, 60)
C	(240, 120)	U	(60, 120)
D	(180, 60)	V	(240, 60)
E	(60, 0)	W	(240, 0)
F	(180,120)	X	(300, 60)
G	(60, 180)	Y	(180, 180)
H	(300, 0)	Z	(120, 240)
I	(120, 0)	0	(0, 360)
J	(0, 300)	1	(360, 60)
K	(120,120)	2	(300, 120)
L	(120,180)	3	(240, 180)
M	(180, 0)	4	(180, 240)
N	(0, 120)	5	(120,300)
O	(240, 0)	6	(60, 360)
P	(60, 240)	7	(360,120)
Q	(60, 300)	8	(300,180)
R	(0, 180)	9	(240,240)