

	Q_0	Q_1	Q_2	Q_3	Q_4	Q_5
0						
1						
2						
3						
4						
5						
6						
7						

$$Q_0 := Q$$

$Q_1 := Q_0$	$Q_2 := Q_1$	$Q_3 := Q_2$	$Q_4 := Q_3$
$Q_1 := Q_0 \pm 1$	$Q_2 := Q_1 \pm 1$	$Q_3 := Q_2 \pm 1$	$Q_4 := Q_3 \pm 1$
	$Q_2 := Q_0$	$Q_3 := Q_1$	$Q_4 := Q_2$
	$Q_2 := Q_0 \pm 2$	$Q_3 := Q_1 \pm 2$	$Q_4 := Q_2 \pm 2$
		$Q_3 := Q_0$	$Q_4 := Q_1$
		$Q_3 := Q_0 \pm 3$	$Q_4 := Q_1 \pm 3$
			$Q_4 := Q_0$
			$Q_4 := Q_0 \pm 4$

$$\Rightarrow Q_x := Q_y \pm (x-y)$$

$$\left[\sum_{x=0}^{x=N} Q_x \pm (N-x) \right] + \left[\sum_{x=0}^{x=N} Q_x \right]$$

if $N=4 \Rightarrow \left[\sum_{x=0}^{x=4} Q_x \pm (4-x) \right] + \left[\sum_{x=0}^{x=4} Q_x \right] \Rightarrow [Q_0 \pm 4] + [Q_0]$
 $[Q_1 \pm 3] + [Q_1]$
 $[Q_2 \pm 2] + [Q_2]$
 $[Q_3 \pm 1] + [Q_3]$
 $[Q_4 \pm 0] + [Q_4] \Rightarrow \text{oops!!} \Rightarrow \text{modify to!}$

$$Q_x := \left[\sum_{x=0}^{x=N-1} Q_x \pm (N-x) \right] \text{ or } \left[\sum_{x=0}^{x=N-1} Q_x \right]$$