

$$\phi^{+4} = + 3\phi + 2$$

$$\phi^{+3} = + 2\phi + 1$$

$$\phi^{+2} = + 1\phi + 1$$

$$\phi^{+1} = + 1\phi$$

$$\phi^0 = + 1$$

$$\phi^{-1} = + 1\phi - 1$$

$$\phi^{-2} = -1\phi + 2$$

$$\phi^{-3} = +2\phi - 3$$

$$\phi^{-4} = -3\phi + 5$$

Fibonacci

Fibonacci
with alternating
signs