

$$n = 0$$

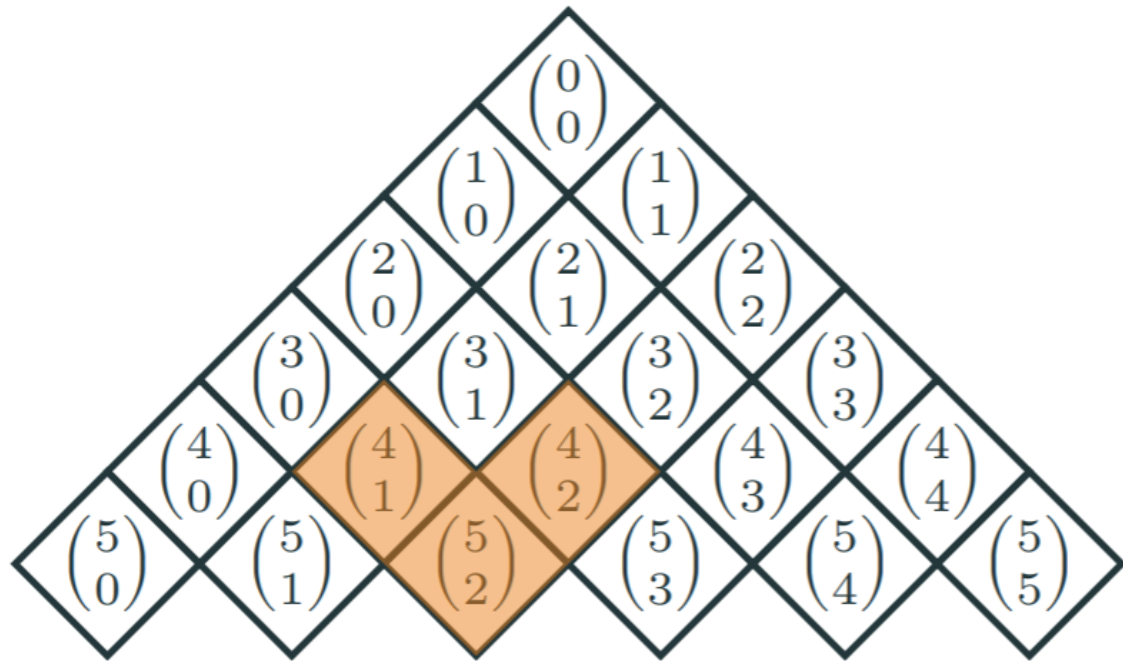
$$n = 1$$

$$n = 2$$

$$n = 3$$

$$n = 4$$

$$n = 5$$



$$\binom{n}{k} = \binom{n-1}{k-1} + \binom{n-1}{k}$$