A05

Sunday, 20. October 2019   15:16

$$\binom{n-1}{v-1}$$

-1 to make sure one var is powered if $n \neq v$, otherwise there would be too much vars. i.e. $\binom{4}{2}$ would consider $wxyz$, though only 3 vars

n	v		
2	2	$\binom{1}{1} = 1$	xy
3	2	$\binom{2}{1} = 2$	$x^2y \quad y^2x$ ✓
3	3	$\binom{3}{3} = 1$	xyz ✓
4	2	$\binom{3}{1} = 3$	$x^3y \quad y^3x \quad x^2y^2$ ✓
4	3	$\binom{3}{2} = 3$	$x^2yz \quad xy^2z \quad xyz^2$ ✓
4	4	$\binom{3}{3} = 1$	$wxyz$ ✓