

## Mandelbrot sets $z=(z^i) + c\#$ vs Julius-Mandelbrot sets $z=(z^i+1) * c\#$

Made by Jules Ruis d.d. 20 oktober 2017 with the Fractal Imaginator software

### Axioma's:

1. Using the formula  $z=(z^i) + c\#$  then the number of first degree bulbs of the fractal image is equal to the used power i minus 1 (see column B.)
2. Using the formula  $z=(z^i+1) * c\#$  then the number of first degree bulbs of fractal image is equal to the used power i (see column D.)

<u>i =</u>	<u>A.</u> Julius Ruis Set $z=(z^i) + c\#$	<u>B.</u> Mandelbrot Set <u><math>z=(z^i) + c\#</math></u>	<u>C.</u> Julius Ruis Set $z=(z^i+1) * c\#$	<u>D.</u> Julius-Mandelbrot Set <u><math>z=(z^i+1) * c\#</math></u>
<u>1</u>				
<u>2</u>				
<u>3</u>				
<u>4</u>				
<u>5</u>				