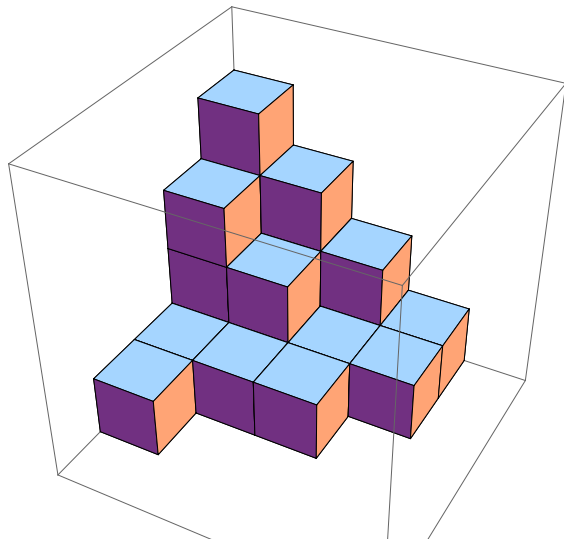
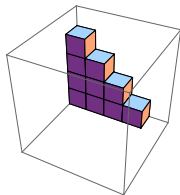


Combinatoriek en Partities (2)

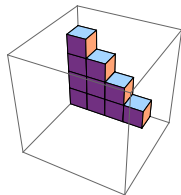
Johan van de Leur Valentijn de Marez Oyens

3-d partities \rightarrow 2-d partities

Van achter naar voor

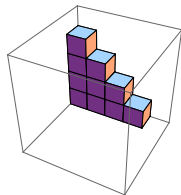


Van achter naar voor

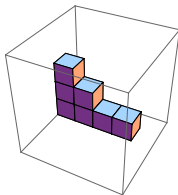


$(4,3,2,1)$

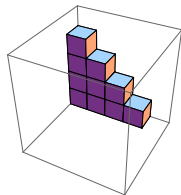
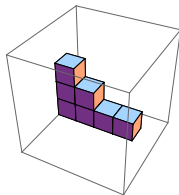
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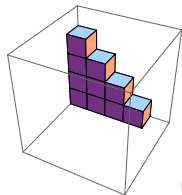
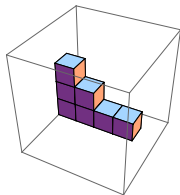
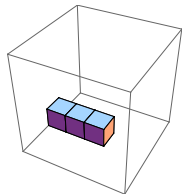
(4,3,2,1)



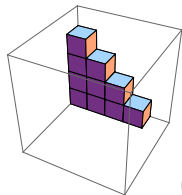
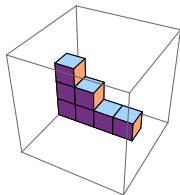
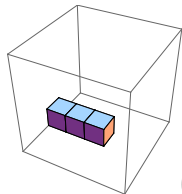
Van achter naar voor

 $(4,3,2,1)$  $(3,2,1,1)$

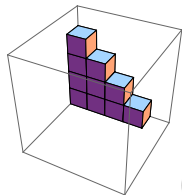
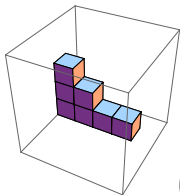
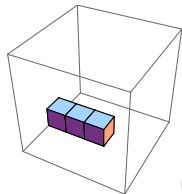
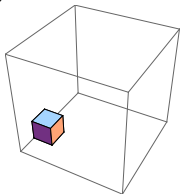
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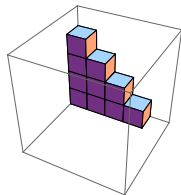
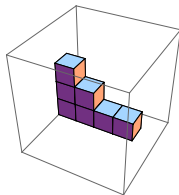
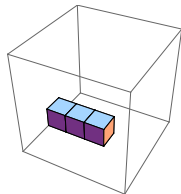
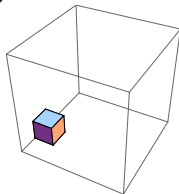
Van achter naar voor

 $(4,3,2,1)$  $(3,2,1,1)$  $(1,1,1)$

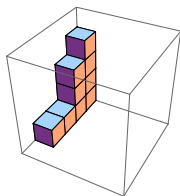
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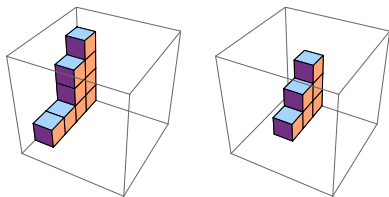
Van achter naar voor

 $(4,3,2,1)$  $(3,2,1,1)$  $(1,1,1)$  (1)

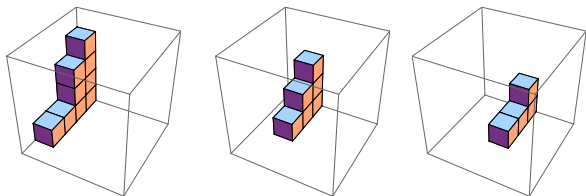
Van links naar rechts



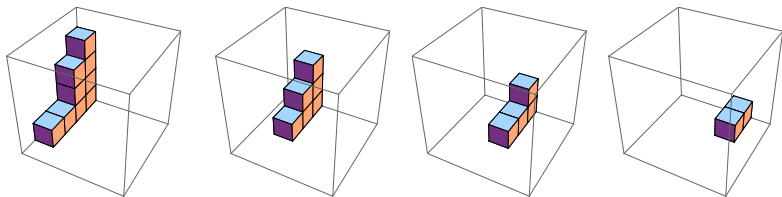
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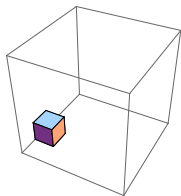
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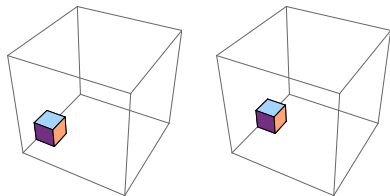
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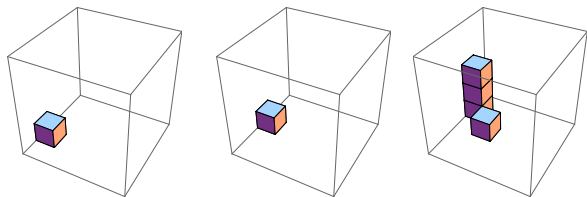
Diagonaal



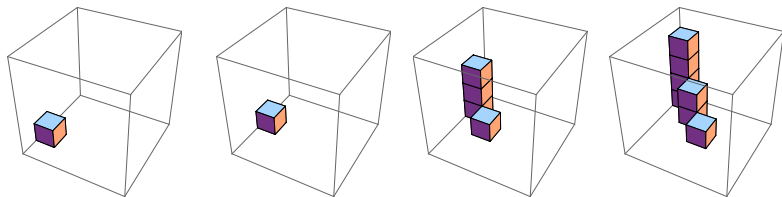
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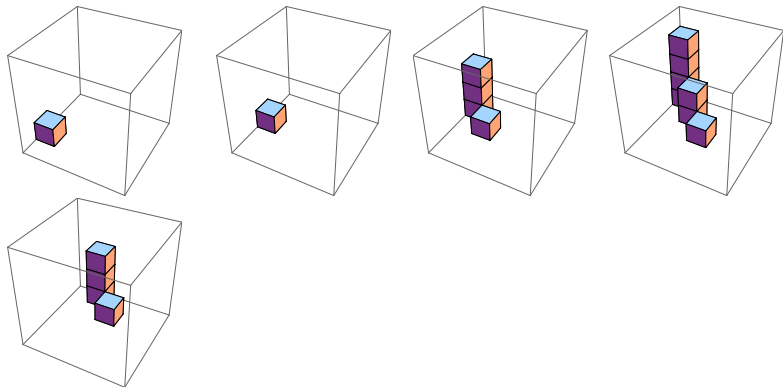
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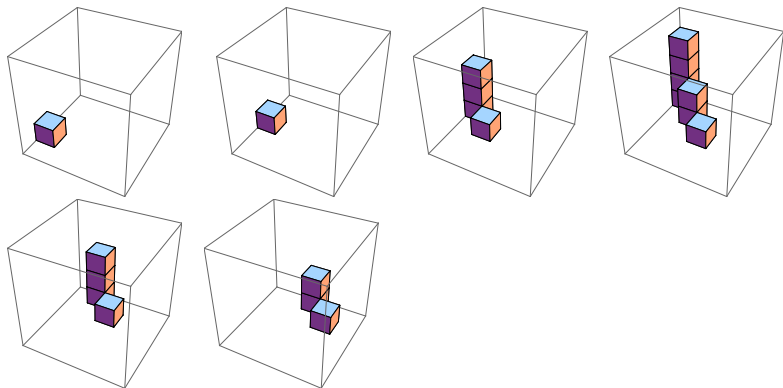
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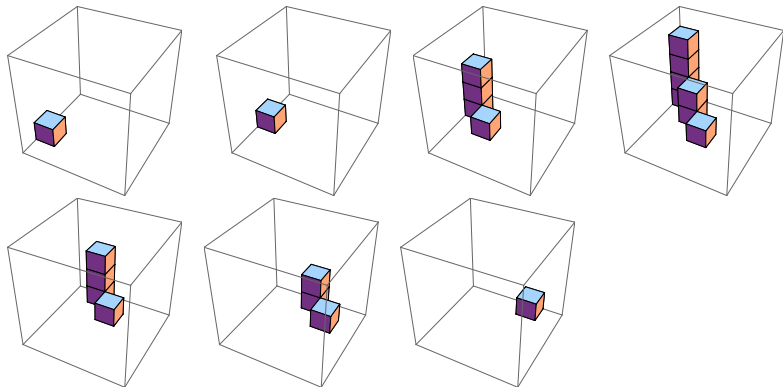
Diagonaal



Diagonaal



Diagonaal



$$(1+x)^4$$

•

$$(1+x)^4 = (1+x)(1+x)(1+x)(1+x)$$

.

$$(1+x)^4 = (1+x)(1+x)(1+x)(1+x) \\ = 1 +$$

.

$$\begin{aligned}(1+x)^4 &= (1+x)(1+x)(1+x)(1+x) \\ &= 1 + \\ &\quad x + x + x + x +\end{aligned}$$

.

$$\begin{aligned}
 (1+x)^4 &= (1+x)(1+x)(1+x)(1+x) \\
 &= 1 + \\
 &\quad x + x + x + x + \\
 &\quad xx + xx + xx + xx + xx + xx +
 \end{aligned}$$

.

$$\begin{aligned}
 (1+x)^4 &= (1+x)(1+x)(1+x)(1+x) \\
 &= 1 + \\
 &\quad x + x + x + x + \\
 &\quad xx + xx + xx + xx + xx + xx + \\
 &\quad xxx + xxx + xxx + xxx + \\
 &\quad \cdot
 \end{aligned}$$

$$\begin{aligned}
 (1+x)^4 &= (1+x)(1+x)(1+x)(1+x) \\
 &= 1 + \\
 &\quad x + x + x + x + \\
 &\quad xx + xx + xx + xx + xx + xx + \\
 &\quad xxx + xxx + xxx + xxx + \\
 &\quad xxxx.
 \end{aligned}$$