

$V^{\otimes(8,0)}$

- $\Gamma_{(8);(0)}$ ,  $\Gamma_{(7,1);(0)}$ ,  $\Gamma_{(6,2);(0)}$ ,  $\Gamma_{(6,1,1);(0)}$ ,  $\Gamma_{(5,3);(0)}$ ,  $\Gamma_{(5,2,1);(0)}$ ,  $\Gamma_{(5,1,1,1);(0)}$
- ,  $\Gamma_{(4,4);(0)}$ ,  $\Gamma_{(4,3,1);(0)}$ ,  $\Gamma_{(4,2,2);(0)}$ ,  $\Gamma_{(4,2,1,1);(0)}$ ,  $\Gamma_{(4,1,1,1,1);(0)}$ ,  $\Gamma_{(3,3,2);(0)}$ ,  $\Gamma_{(3,3,1,1);(0)}$
- ,  $\Gamma_{(3,2,2,1);(0)}$ ,  $\Gamma_{(3,2,1,1,1);(0)}$ ,  $\Gamma_{(3,1,1,1,1,1);(0)}$ ,  $\Gamma_{(2,2,2,2);(0)}$ ,  $\Gamma_{(2,2,2,1,1);(0)}$ ,  $\Gamma_{(2,2,1,1,1,1);(0)}$ ,  $\Gamma_{(2,1,1,1,1,1,1);(0)}$
- ,  $\Gamma_{(1,1,1,1,1,1,1,1);(0)}$

$V^{\otimes(7,1)}$

$$\begin{array}{c}
\frac{\Gamma(6);(0)}{\Gamma(7);(1)}, \frac{\Gamma(5,1);(0) \oplus \Gamma(6);(0)}{\Gamma(6,1);(1)}, \frac{\Gamma(4,2);(0) \oplus \Gamma(5,1);(0)}{\Gamma(5,2);(1)}, \frac{\Gamma(4,1,1);(0) \oplus \Gamma(5,1);(0)}{\Gamma(5,1,1);(1)} \\
, \frac{\Gamma(3,3);(0) \oplus \Gamma(4,2);(0)}{\Gamma(4,3);(1)}, \frac{\Gamma(3,2,1);(0) \oplus \Gamma(4,1,1);(0) \oplus \Gamma(4,2);(0)}{\Gamma(4,2,1);(1)}, \frac{\Gamma(3,1,1,1);(0) \oplus \Gamma(4,1,1);(0)}{\Gamma(4,1,1,1);(1)} \\
, \frac{\Gamma(3,2,1);(0) \oplus \Gamma(3,3);(0)}{\Gamma(3,3,1);(1)}, \frac{\Gamma(2,2,2);(0) \oplus \Gamma(3,2,1);(0)}{\Gamma(3,2,2);(1)}, \frac{\Gamma(2,2,1,1);(0) \oplus \Gamma(3,1,1,1);(0) \oplus \Gamma(3,2,1);(0)}{\Gamma(3,2,1,1);(1)} \\
, \frac{\Gamma(2,1,1,1,1);(0) \oplus \Gamma(3,1,1,1);(0)}{\Gamma(3,1,1,1,1);(1)}, \frac{\Gamma(2,2,1,1);(0) \oplus \Gamma(2,2,2);(0)}{\Gamma(2,2,2,1);(1)}, \frac{\Gamma(2,1,1,1,1);(0) \oplus \Gamma(2,2,1,1);(0)}{\Gamma(2,2,1,1,1);(1)}, \frac{\Gamma(1,1,1,1,1,1);(0) \oplus \Gamma(2,1,1,1,1);(0)}{\Gamma(2,1,1,1,1,1);(1)} \\
, \frac{\Gamma(1,1,1,1,1,1);(0)}{\Gamma(1,1,1,1,1,1);(1)}
\end{array}$$

$V^{\otimes(6,2)}$

$\Gamma_{(4);(0)}$	$\Gamma_{(5);(1)}$	$\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$	$\Gamma_{(4);(0)}$	$\Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$
$\Gamma_{(5);(1)}$	$\Gamma_{(6);(1,1)}$	$\Gamma_{(4,1);(1)} \oplus \Gamma_{(5);(1)}$	$\Gamma_{(4,1);(1)} \oplus \Gamma_{(5);(1)}$	$\Gamma_{(3,2);(1)} \oplus \Gamma_{(4,1);(1)}$
$\Gamma_{(6);(2)}$		$\Gamma_{(5,1);(2)}$	$\Gamma_{(5,1);(1,1)}$	$\Gamma_{(4,2);(2)}$
$\Gamma_{(3,1);(0)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(3,1);(0)}$	$\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$	$\Gamma_{(3,1);(0)}$	
$\Gamma_{(3,2);(1)} \oplus \Gamma_{(4,1);(1)}$	$\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(4,1);(1)}$	$\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(4,1);(1)}$	$\Gamma_{(3,2);(1)}$	
$\Gamma_{(4,2);(1,1)}$	$\Gamma_{(4,1,1);(2)}$	$\Gamma_{(4,1,1);(1,1)}$	$\Gamma_{(3,3);(2)}$	
$\Gamma_{(2,2);(0)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$		
$\Gamma_{(3,2);(1)}$	$\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,2);(1)}$	$\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,2);(1)}$		
$\Gamma_{(3,3);(1,1)}$	$\Gamma_{(3,2,1);(2)}$	$\Gamma_{(3,2,1);(1,1)}$		
$\Gamma_{(1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(3,1);(0)}$	$\Gamma_{(2,2);(0)}$	$\Gamma_{(2,1,1);(0)}$	$\Gamma_{(2,1,1);(0)}$
$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(3,1,1);(1)}$	$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(3,1,1);(1)}$	$\Gamma_{(2,2,1);(1)}$	$\Gamma_{(2,2,1);(1)}$	$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(2,2,1);(1)}$
$\Gamma_{(3,1,1,1);(2)}$	$\Gamma_{(3,1,1,1);(1,1)}$	$\Gamma_{(2,2,2);(2)}$	$\Gamma_{(2,2,2);(1,1)}$	$\Gamma_{(2,2,1,1);(2)}$
$\Gamma_{(1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)}$	$\Gamma_{(1,1,1,1);(0)}$	$\Gamma_{(1,1,1,1);(0)}$	$\Gamma_{(1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)}$	
$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(2,2,1);(1)}$	$\Gamma_{(1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1);(1)}$	
$\Gamma_{(2,2,1,1);(1,1)}$	$\Gamma_{(2,1,1,1,1);(2)}$	$\Gamma_{(2,1,1,1,1);(1,1)}$		
$\Gamma_{(1,1,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1);(0)}$			
$\Gamma_{(1,1,1,1,1);(2)}$	$\Gamma_{(1,1,1,1,1);(1)}$			
	$\Gamma_{(1,1,1,1,1);(1,1)}$			

$V^{\otimes(5,3)}$

$\Gamma_{(2);(0)}$	$\Gamma_{(3);(1)}$		$\Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)}$	$\Gamma_{(2);(0)}$
$\Gamma_{(3);(1)}$	$\Gamma_{(4);(1,1)} \oplus \Gamma_{(4);(2)}$	$\Gamma_{(4);(1,1)}$	$\Gamma_{(2,1);(1)} \oplus \Gamma_{(3);(1)}$	$\Gamma_{(2,1);(1)} \oplus 2\Gamma_{(3);(1)}$
$\Gamma_{(4);(2)}$	$\Gamma_{(5);(2,1)}$	$\Gamma_{(5);(1,1,1)}$	$\Gamma_{(3,1);(2)} \oplus \Gamma_{(4);(2)}$	$\Gamma_{(3,1);(1,1)} \oplus \Gamma_{(3,1);(2)} \oplus \Gamma_{(4);(1,1)} \oplus \Gamma_{(4);(2)}$
$\Gamma_{(5);(3)}$			$\Gamma_{(4,1);(3)}$	$\Gamma_{(4,1);(2,1)}$

  

$\Gamma_{(3);(1)}$	$\Gamma_{(2);(0)}$	$\Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)}$
$\Gamma_{(3,1);(1,1)} \oplus \Gamma_{(4);(1,1)}$	$\Gamma_{(2,1);(1)} \oplus \Gamma_{(3);(1)}$	$2\Gamma_{(2,1);(1)} \oplus \Gamma_{(3);(1)}$
$\Gamma_{(4,1);(1,1,1)}$	$\Gamma_{(2,2);(2)} \oplus \Gamma_{(3,1);(2)}$	$\Gamma_{(2,2);(1,1)} \oplus \Gamma_{(2,2);(2)} \oplus \Gamma_{(3,1);(1,1)} \oplus \Gamma_{(3,1);(2)}$
	$\Gamma_{(3,2);(3)}$	$\Gamma_{(3,2);(2,1)}$

  

$\Gamma_{(2,1);(1)}$	$\Gamma_{(1,1);(0)}$	$\Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)}$
$\Gamma_{(2,2);(1,1)} \oplus \Gamma_{(3,1);(1,1)}$	$\Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)}$	$\Gamma_{(1,1,1);(1)} \oplus 2\Gamma_{(2,1);(1)} \oplus \Gamma_{(3);(1)}$
$\Gamma_{(3,2);(1,1,1)}$	$\Gamma_{(2,1,1);(2)} \oplus \Gamma_{(3,1);(2)}$	$\Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(2)} \oplus \Gamma_{(3,1);(1,1)} \oplus \Gamma_{(3,1);(2)}$
	$\Gamma_{(3,1,1);(3)}$	$\Gamma_{(3,1,1);(2,1)}$

  

$\Gamma_{(2);(0)}$	$\Gamma_{(2,1);(1)}$	$\Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)}$
$\Gamma_{(2,1);(1)} \oplus \Gamma_{(3);(1)}$	$\Gamma_{(2,1,1);(2)} \oplus \Gamma_{(2,2);(2)}$	$\Gamma_{(1,1,1);(1)} \oplus 2\Gamma_{(2,1);(1)}$
$\Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(3,1);(1,1)}$	$\Gamma_{(2,2,1);(3)}$	$\Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(2)} \oplus \Gamma_{(2,2);(1,1)} \oplus \Gamma_{(2,2);(2)}$
$\Gamma_{(3,1,1);(1,1,1)}$		$\Gamma_{(2,2,1);(2,1)}$

  

$\Gamma_{(1,1);(0)}$	$\Gamma_{(1,1,1);(1)}$	$\Gamma_{(1,1);(0)}$
$\Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)}$	$\Gamma_{(1,1,1,1);(2)} \oplus \Gamma_{(2,1,1);(2)}$	$2\Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)}$
$\Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,2);(1,1)}$	$\Gamma_{(2,1,1,1);(3)}$	$\Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1);(2)} \oplus \Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(2)}$
$\Gamma_{(2,2,1);(1,1,1)}$		$\Gamma_{(2,1,1,1);(2,1)}$

  

$\Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)}$	$\Gamma_{(1,1,1,1);(2)}$	$\Gamma_{(1,1,1);(1)}$	$\Gamma_{(1,1);(0)}$
$\Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)}$	$\Gamma_{(1,1,1,1,1);(3)}$	$\Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1);(2)}$	$\Gamma_{(1,1,1);(1)}$
$\Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(1,1)}$		$\Gamma_{(1,1,1,1,1);(2,1)}$	$\Gamma_{(1,1,1,1);(1,1)}$
$\Gamma_{(2,1,1,1);(1,1,1)}$			$\Gamma_{(1,1,1,1,1);(1,1,1)}$

$V^{\otimes(4,4)}$

$\Gamma_{(0);(0)}$	<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}</math></td></tr> <tr><td><math>\Gamma_{(4);(3,1)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$	$\Gamma_{(4);(3,1)}$	<table border="1"> <tr><td><math>\Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(3);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(4);(2,2)}</math></td></tr> </table>	$\Gamma_{(2);(2)}$	$\Gamma_{(3);(2,1)}$	$\Gamma_{(4);(2,2)}$	<table border="1"> <tr><td><math>\Gamma_{(2);(1,1)}</math></td></tr> <tr><td><math>\Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(4);(2,1,1)}</math></td></tr> </table>	$\Gamma_{(2);(1,1)}$	$\Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}$	$\Gamma_{(4);(2,1,1)}$	<table border="1"> <tr><td><math>\Gamma_{(3);(1,1,1)}</math></td></tr> <tr><td><math>\Gamma_{(4);(1,1,1,1)}</math></td></tr> </table>	$\Gamma_{(3);(1,1,1)}$	$\Gamma_{(4);(1,1,1,1)}$
$\Gamma_{(1);(1)}$																
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<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(3)}</math></td></tr> <tr><td><math>\Gamma_{(3,1);(4)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(3)}$	$\Gamma_{(3,1);(4)}$	<table border="1"> <tr><td><math>\Gamma_{(0);(0)}</math></td></tr> <tr><td><math>2\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus 2\Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}</math></td></tr> <tr><td><math>\Gamma_{(3,1);(3,1)}</math></td></tr> </table>	$\Gamma_{(0);(0)}$	$2\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus 2\Gamma_{(2);(2)}$	$\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$	$\Gamma_{(3,1);(3,1)}$	<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(3,1);(2,2)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(2,1)}$	$\Gamma_{(3,1);(2,2)}$
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	$\Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(3)}$														
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$\Gamma_{(0);(0)}$															
$2\Gamma_{(1);(1)}$															
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<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus 2\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(3,1);(2,1,1)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus 2\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}$	$\Gamma_{(3,1);(2,1,1)}$	<table border="1"> <tr><td><math>\Gamma_{(2);(1,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(3);(1,1,1)}</math></td></tr> <tr><td><math>\Gamma_{(3,1);(1,1,1,1)}</math></td></tr> </table>	$\Gamma_{(2);(1,1)}$	$\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(3);(1,1,1)}$	$\Gamma_{(3,1);(1,1,1,1)}$	<table border="1"> <tr><td><math>\Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(3)}</math></td></tr> <tr><td><math>\Gamma_{(2,2);(4)}</math></td></tr> </table>	$\Gamma_{(2);(2)}$	$\Gamma_{(2,1);(3)}$	$\Gamma_{(2,2);(4)}$
	$\Gamma_{(1);(1)}$											
	$\Gamma_{(1,1);(1,1)} \oplus 2\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$											
	$\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}$											
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<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)}</math></td></tr> <tr><td><math>\Gamma_{(2,2);(3,1)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)}$	$\Gamma_{(2,2);(3,1)}$	<table border="1"> <tr><td><math>\Gamma_{(0);(0)}</math></td></tr> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,2);(2,2)}</math></td></tr> </table>	$\Gamma_{(0);(0)}$	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(2,1);(2,1)}$	$\Gamma_{(2,2);(2,2)}$	<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,2);(2,1,1)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)}$	$\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)}$	$\Gamma_{(2,2);(2,1,1)}$
	$\Gamma_{(1);(1)}$														
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<table border="1"> <tr><td><math>\Gamma_{(1,1);(1,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,1);(1,1,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,2);(1,1,1,1)}</math></td></tr> </table>	$\Gamma_{(1,1);(1,1)}$	$\Gamma_{(2,1);(1,1,1)}$	$\Gamma_{(2,2);(1,1,1,1)}$	<table border="1"> <tr><td><math>\Gamma_{(1,1);(2)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(3)} \oplus \Gamma_{(2,1);(3)}</math></td></tr> <tr><td><math>\Gamma_{(2,1,1);(4)}</math></td></tr> </table>	$\Gamma_{(1,1);(2)}$	$\Gamma_{(1,1,1);(3)} \oplus \Gamma_{(2,1);(3)}$	$\Gamma_{(2,1,1);(4)}$	<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus 2\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(1,1,1);(3)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)}</math></td></tr> <tr><td><math>\Gamma_{(2,1,1);(3,1)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus 2\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(1,1,1);(3)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)}$	$\Gamma_{(2,1,1);(3,1)}$
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$\Gamma_{(2,1,1);(4)}$												
$\Gamma_{(1);(1)}$												
$\Gamma_{(1,1);(1,1)} \oplus 2\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(2)}$												
$\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(1,1,1);(3)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)}$												
$\Gamma_{(2,1,1);(3,1)}$												

<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,1,1);(2,2)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)}$	$\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(2,1)}$	$\Gamma_{(2,1,1);(2,2)}$	<table border="1"> <tr><td><math>\Gamma_{(0);(0)}</math></td></tr> <tr><td><math>2\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>2\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,1,1);(2,1,1)}</math></td></tr> </table>	$\Gamma_{(0);(0)}$	$2\Gamma_{(1);(1)}$	$2\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$	$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)}$	$\Gamma_{(2,1,1);(2,1,1)}$
	$\Gamma_{(1);(1)}$									
	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)}$									
	$\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(2,1)}$									
$\Gamma_{(2,1,1);(2,2)}$										
$\Gamma_{(0);(0)}$										
$2\Gamma_{(1);(1)}$										
$2\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$										
$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)}$										
$\Gamma_{(2,1,1);(2,1,1)}$										

<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(2);(1,1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(2,1);(1,1,1)}</math></td></tr> <tr><td><math>\Gamma_{(2,1,1);(1,1,1,1)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(2);(1,1)}$	$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(2,1);(1,1,1)}$	$\Gamma_{(2,1,1);(1,1,1,1)}$	<table border="1"> <tr><td><math>\Gamma_{(1,1,1);(3)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1,1);(4)}</math></td></tr> </table>	$\Gamma_{(1,1,1);(3)}$	$\Gamma_{(1,1,1,1);(4)}$	<table border="1"> <tr><td><math>\Gamma_{(1,1);(2)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(1,1,1);(3)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1,1);(3,1)}</math></td></tr> </table>	$\Gamma_{(1,1);(2)}$	$\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(1,1,1);(3)}$	$\Gamma_{(1,1,1,1);(3,1)}$	<table border="1"> <tr><td><math>\Gamma_{(1,1);(1,1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1,1);(2,2)}</math></td></tr> </table>	$\Gamma_{(1,1);(1,1)}$	$\Gamma_{(1,1,1);(2,1)}$	$\Gamma_{(1,1,1,1);(2,2)}$	<table border="1"> <tr><td><math>\Gamma_{(1);(1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)}</math></td></tr> <tr><td><math>\Gamma_{(1,1,1,1);(2,1,1)}</math></td></tr> </table>	$\Gamma_{(1);(1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)}$	$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)}$	$\Gamma_{(1,1,1,1);(2,1,1)}$
	$\Gamma_{(1);(1)}$																			
	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(2);(1,1)}$																			
$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(2,1);(1,1,1)}$																				
$\Gamma_{(2,1,1);(1,1,1,1)}$																				
$\Gamma_{(1,1,1);(3)}$																				
$\Gamma_{(1,1,1,1);(4)}$																				
$\Gamma_{(1,1);(2)}$																				
$\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(1,1,1);(3)}$																				
$\Gamma_{(1,1,1,1);(3,1)}$																				
$\Gamma_{(1,1);(1,1)}$																				
$\Gamma_{(1,1,1);(2,1)}$																				
$\Gamma_{(1,1,1,1);(2,2)}$																				
$\Gamma_{(1);(1)}$																				
$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)}$																				
$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)}$																				
$\Gamma_{(1,1,1,1);(2,1,1)}$																				

$\Gamma_{(0);(0)}$
$\Gamma_{(1);(1)}$
$\Gamma_{(1,1);(1,1)}$
$\Gamma_{(1,1,1);(1,1,1)}$
$\Gamma_{(1,1,1,1);(1,1,1,1)}$

$V^{\otimes(9,0)}$

- $\Gamma(9);(0)$ ,  $\Gamma(8,1);(0)$ ,  $\Gamma(7,2);(0)$ ,  $\Gamma(7,1,1);(0)$ ,  $\Gamma(6,3);(0)$ ,  $\Gamma(6,2,1);(0)$ ,  $\Gamma(6,1,1,1);(0)$
- ,  $\Gamma(5,4);(0)$ ,  $\Gamma(5,3,1);(0)$ ,  $\Gamma(5,2,2);(0)$ ,  $\Gamma(5,2,1,1);(0)$ ,  $\Gamma(5,1,1,1,1);(0)$ ,  $\Gamma(4,4,1);(0)$ ,  $\Gamma(4,3,2);(0)$
- ,  $\Gamma(4,3,1,1);(0)$ ,  $\Gamma(4,2,2,1);(0)$ ,  $\Gamma(4,2,1,1,1);(0)$ ,  $\Gamma(4,1,1,1,1,1);(0)$ ,  $\Gamma(3,3,3);(0)$ ,  $\Gamma(3,3,2,1);(0)$ ,  $\Gamma(3,3,1,1,1);(0)$
- ,  $\Gamma(3,2,2,2);(0)$ ,  $\Gamma(3,2,2,1,1);(0)$ ,  $\Gamma(3,2,1,1,1,1);(0)$ ,  $\Gamma(3,1,1,1,1,1,1);(0)$ ,  $\Gamma(2,2,2,2,1);(0)$ ,  $\Gamma(2,2,2,1,1,1);(0)$ ,  $\Gamma(2,2,1,1,1,1,1);(0)$
- ,  $\Gamma(2,1,1,1,1,1,1,1);(0)$ ,  $\Gamma(1,1,1,1,1,1,1,1,1);(0)$

$V^{\otimes(8,1)}$

$$\begin{array}{l}
\frac{\Gamma(7);(0)}{\Gamma(8);(1)}, \frac{\Gamma(6,1);(0) \oplus \Gamma(7);(0)}{\Gamma(7,1);(1)}, \frac{\Gamma(5,2);(0) \oplus \Gamma(6,1);(0)}{\Gamma(6,2);(1)}, \frac{\Gamma(5,1,1);(0) \oplus \Gamma(6,1);(0)}{\Gamma(6,1,1);(1)} \\
, \frac{\Gamma(4,3);(0) \oplus \Gamma(5,2);(0)}{\Gamma(5,3);(1)}, \frac{\Gamma(4,2,1);(0) \oplus \Gamma(5,1,1);(0) \oplus \Gamma(5,2);(0)}{\Gamma(5,2,1);(1)}, \frac{\Gamma(4,1,1,1);(0) \oplus \Gamma(5,1,1);(0)}{\Gamma(5,1,1,1);(1)} \\
, \frac{\Gamma(4,3);(0)}{\Gamma(4,4);(1)}, \frac{\Gamma(3,3,1);(0) \oplus \Gamma(4,2,1);(0) \oplus \Gamma(4,3);(0)}{\Gamma(4,3,1);(1)}, \frac{\Gamma(3,2,2);(0) \oplus \Gamma(4,2,1);(0)}{\Gamma(4,2,2);(1)}, \frac{\Gamma(3,2,1,1);(0) \oplus \Gamma(4,1,1,1);(0) \oplus \Gamma(4,2,1);(0)}{\Gamma(4,2,1,1);(1)} \\
, \frac{\Gamma(3,1,1,1,1);(0) \oplus \Gamma(4,1,1,1);(0)}{\Gamma(4,1,1,1,1);(1)}, \frac{\Gamma(3,2,2);(0) \oplus \Gamma(3,3,1);(0)}{\Gamma(3,3,2);(1)}, \frac{\Gamma(3,2,1,1);(0) \oplus \Gamma(3,3,1);(0)}{\Gamma(3,3,1,1);(1)}, \frac{\Gamma(2,2,2,1);(0) \oplus \Gamma(3,2,1,1);(0) \oplus \Gamma(3,2,2);(0)}{\Gamma(3,2,2,1);(1)} \\
, \frac{\Gamma(2,2,1,1,1);(0) \oplus \Gamma(3,1,1,1,1);(0) \oplus \Gamma(3,2,1,1);(0)}{\Gamma(3,2,1,1,1);(1)}, \frac{\Gamma(2,1,1,1,1,1);(0) \oplus \Gamma(3,1,1,1,1);(0)}{\Gamma(3,1,1,1,1,1);(1)}, \frac{\Gamma(2,2,2,1);(0)}{\Gamma(2,2,2,2);(1)}, \frac{\Gamma(2,2,1,1,1);(0) \oplus \Gamma(2,2,2,1);(0)}{\Gamma(2,2,2,1,1);(1)} \\
, \frac{\Gamma(2,1,1,1,1,1);(0) \oplus \Gamma(2,2,1,1,1);(0)}{\Gamma(2,2,1,1,1,1);(1)}, \frac{\Gamma(1,1,1,1,1,1,1);(0) \oplus \Gamma(2,1,1,1,1,1);(0)}{\Gamma(2,1,1,1,1,1,1);(1)}, \frac{\Gamma(1,1,1,1,1,1,1);(0)}{\Gamma(1,1,1,1,1,1,1,1);(1)}
\end{array}$$

$V^{\otimes(7,2)}$

$\Gamma_{(5);(0)}$	$\Gamma_{(6);(1)}$ $\Gamma_{(7);(1,1)}$	$\Gamma_{(4,1);(0)} \oplus \Gamma_{(5);(0)}$	$\Gamma_{(5);(0)}$	$\Gamma_{(3,2);(0)} \oplus \Gamma_{(4,1);(0)} \oplus \Gamma_{(5);(0)}$
$\Gamma_{(6);(1)}$		$\Gamma_{(5,1);(1)} \oplus \Gamma_{(6);(1)}$	$\Gamma_{(5,1);(1)} \oplus \Gamma_{(6);(1)}$	$\Gamma_{(4,2);(1)} \oplus \Gamma_{(5,1);(1)}$
$\Gamma_{(7);(2)}$		$\Gamma_{(6,1);(2)}$	$\Gamma_{(6,1);(1,1)}$	$\Gamma_{(5,2);(2)}$
$\Gamma_{(4,1);(0)}$	$\Gamma_{(3,1,1);(0)} \oplus \Gamma_{(4,1);(0)}$ $\Gamma_{(4,1,1);(1)} \oplus \Gamma_{(5,1);(1)}$ $\Gamma_{(5,1,1);(2)}$	$\Gamma_{(4,1);(0)} \oplus \Gamma_{(5);(0)}$	$\Gamma_{(3,2);(0)} \oplus \Gamma_{(4,1);(0)}$	
$\Gamma_{(4,2);(1)} \oplus \Gamma_{(5,1);(1)}$		$\Gamma_{(4,1,1);(1)} \oplus \Gamma_{(5,1);(1)}$	$\Gamma_{(3,3);(1)} \oplus \Gamma_{(4,2);(1)}$	
$\Gamma_{(5,2);(1,1)}$		$\Gamma_{(5,1,1);(1,1)}$	$\Gamma_{(4,3);(2)}$	
$\Gamma_{(3,2);(0)}$	$\Gamma_{(2,2,1);(0)} \oplus \Gamma_{(3,1,1);(0)} \oplus \Gamma_{(3,2);(0)} \oplus \Gamma_{(4,1);(0)}$ $\Gamma_{(3,2,1);(1)} \oplus \Gamma_{(4,1,1);(1)} \oplus \Gamma_{(4,2);(1)}$ $\Gamma_{(4,2,1);(2)}$	$\Gamma_{(3,1,1);(0)} \oplus \Gamma_{(3,2);(0)} \oplus \Gamma_{(4,1);(0)}$	$\Gamma_{(3,1,1);(0)} \oplus \Gamma_{(3,2);(0)} \oplus \Gamma_{(4,1);(0)}$	
$\Gamma_{(3,3);(1)} \oplus \Gamma_{(4,2);(1)}$		$\Gamma_{(3,2,1);(1)} \oplus \Gamma_{(4,1,1);(1)} \oplus \Gamma_{(4,2);(1)}$	$\Gamma_{(3,2,1);(1)} \oplus \Gamma_{(4,1,1);(1)} \oplus \Gamma_{(4,2);(1)}$	
$\Gamma_{(4,3);(1,1)}$		$\Gamma_{(4,2,1);(2)}$	$\Gamma_{(4,2,1);(1,1)}$	
$\Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(3,1,1);(0)}$	$\Gamma_{(3,1,1);(0)} \oplus \Gamma_{(4,1);(0)}$ $\Gamma_{(3,1,1,1);(1)} \oplus \Gamma_{(4,1,1);(1)}$ $\Gamma_{(4,1,1,1);(2)}$	$\Gamma_{(3,1,1);(0)} \oplus \Gamma_{(3,2);(0)}$	$\Gamma_{(2,2,1);(0)} \oplus \Gamma_{(3,2);(0)}$	
$\Gamma_{(3,1,1,1);(1)} \oplus \Gamma_{(4,1,1);(1)}$		$\Gamma_{(3,2,1);(1)} \oplus \Gamma_{(3,3);(1)}$	$\Gamma_{(3,2,1);(1)} \oplus \Gamma_{(3,3);(1)}$	
$\Gamma_{(4,1,1,1);(2)}$		$\Gamma_{(3,3,1);(2)}$	$\Gamma_{(3,3,1);(1,1)}$	
$\Gamma_{(2,2,1);(0)} \oplus \Gamma_{(3,2);(0)}$	$\Gamma_{(2,2,1);(0)} \oplus \Gamma_{(3,1,1);(0)}$ $\Gamma_{(2,2,2);(1)} \oplus \Gamma_{(3,2,1);(1)}$ $\Gamma_{(3,2,2);(2)}$	$\Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(2,2,1);(0)} \oplus \Gamma_{(3,1,1);(0)}$	$\Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(2,2,1);(0)} \oplus \Gamma_{(3,1,1);(0)}$	
$\Gamma_{(2,2,2);(1)} \oplus \Gamma_{(3,2,1);(1)}$		$\Gamma_{(2,2,1,1);(1)} \oplus \Gamma_{(3,1,1,1);(1)} \oplus \Gamma_{(3,2,1);(1)}$	$\Gamma_{(2,2,1,1);(1)} \oplus \Gamma_{(3,1,1,1);(1)} \oplus \Gamma_{(3,2,1);(1)}$	
$\Gamma_{(3,2,2);(2)}$		$\Gamma_{(3,2,1,1);(2)}$		
$\Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(2,2,1);(0)} \oplus \Gamma_{(3,1,1);(0)} \oplus \Gamma_{(3,2);(0)}$	$\Gamma_{(1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1,1);(0)}$ $\Gamma_{(2,1,1,1,1);(1)} \oplus \Gamma_{(3,1,1,1);(1)}$ $\Gamma_{(3,1,1,1,1);(2)}$	$\Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(3,1,1);(0)}$	$\Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(3,1,1);(0)}$	
$\Gamma_{(2,2,1,1);(1)} \oplus \Gamma_{(3,1,1,1);(1)} \oplus \Gamma_{(3,2,1);(1)}$		$\Gamma_{(2,1,1,1,1);(1)} \oplus \Gamma_{(3,1,1,1);(1)}$	$\Gamma_{(2,1,1,1,1);(1)} \oplus \Gamma_{(3,1,1,1);(1)}$	
$\Gamma_{(3,2,1,1);(1,1)}$		$\Gamma_{(3,1,1,1,1);(2)}$	$\Gamma_{(3,1,1,1,1);(1,1)}$	
$\Gamma_{(2,2,1);(0)}$	$\Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(2,2,1);(0)}$ $\Gamma_{(2,2,1,1);(1)} \oplus \Gamma_{(2,2,2);(1)}$ $\Gamma_{(2,2,2,1);(1,1)}$	$\Gamma_{(2,1,1,1);(0)}$	$\Gamma_{(1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1,1);(0)} \oplus \Gamma_{(2,2,1);(0)}$	
$\Gamma_{(2,2,1,1);(1)} \oplus \Gamma_{(2,2,2);(1)}$		$\Gamma_{(2,1,1,1,1);(1)} \oplus \Gamma_{(2,2,1,1);(1)}$	$\Gamma_{(2,1,1,1,1);(1)} \oplus \Gamma_{(2,2,1,1);(1)}$	
$\Gamma_{(2,2,2,1);(2)}$		$\Gamma_{(2,2,1,1,1);(2)}$	$\Gamma_{(2,2,1,1,1);(1,1)}$	
$\Gamma_{(1,1,1,1,1);(0)}$	$\Gamma_{(1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1,1);(0)}$ $\Gamma_{(1,1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1,1);(1)}$ $\Gamma_{(2,1,1,1,1,1);(2)}$	$\Gamma_{(1,1,1,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1);(0)}$	
$\Gamma_{(1,1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1,1);(1)}$		$\Gamma_{(1,1,1,1,1,1);(2)}$	$\Gamma_{(1,1,1,1,1,1);(1)}$	
$\Gamma_{(2,1,1,1,1,1);(2)}$		$\Gamma_{(1,1,1,1,1,1,1);(1,1)}$	$\Gamma_{(1,1,1,1,1,1,1);(1,1)}$	





$V^{\otimes(5,4)}$

$\Gamma_{(1);(0)}$	$\Gamma_{(2);(1)}$ $\Gamma_{(3);(1,1)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(4);(2,1)} \oplus \Gamma_{(4);(3)}$ $\Gamma_{(5);(3,1)}$	$\Gamma_{(3);(2)}$ $\Gamma_{(4);(2,1)}$ $\Gamma_{(5);(2,2)}$	$\Gamma_{(3);(1,1)}$ $\Gamma_{(4);(1,1,1)} \oplus \Gamma_{(4);(2,1)}$ $\Gamma_{(5);(2,1,1)}$	$\Gamma_{(4);(1,1,1)}$ $\Gamma_{(5);(1,1,1,1)}$
$\Gamma_{(2);(1)}$				
$\Gamma_{(3);(2)}$				
$\Gamma_{(4);(3)}$				

$\Gamma_{(1);(0)}$	$\Gamma_{(1);(0)}$ $\Gamma_{(1,1);(1)} \oplus 2\Gamma_{(2);(1)}$ $\Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(1,1)} \oplus 2\Gamma_{(3);(2)}$ $\Gamma_{(3,1);(2,1)} \oplus \Gamma_{(3,1);(3)} \oplus \Gamma_{(4);(2,1)} \oplus \Gamma_{(4);(3)}$ $\Gamma_{(4,1);(3,1)}$	$\Gamma_{(2);(1)}$ $\Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(1,1)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(3,1);(2,1)} \oplus \Gamma_{(4);(2,1)}$ $\Gamma_{(4,1);(2,2)}$
$\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)}$		
$\Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(2)}$		
$\Gamma_{(3,1);(3)} \oplus \Gamma_{(4);(3)}$		

$\Gamma_{(2);(1)}$ $\Gamma_{(2,1);(1,1)} \oplus 2\Gamma_{(3);(1,1)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(3,1);(1,1,1)} \oplus \Gamma_{(3,1);(2,1)} \oplus \Gamma_{(4);(1,1,1)} \oplus \Gamma_{(4);(2,1)}$ $\Gamma_{(4,1);(2,1,1)}$	$\Gamma_{(3);(1,1)}$ $\Gamma_{(3,1);(1,1,1)} \oplus \Gamma_{(4);(1,1,1)}$ $\Gamma_{(4,1);(1,1,1,1)}$	$\Gamma_{(2);(1)}$ $\Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(2,2);(3)} \oplus \Gamma_{(3,1);(3)}$ $\Gamma_{(3,2);(4)}$

$\Gamma_{(1);(0)}$ $\Gamma_{(1,1);(1)} \oplus 2\Gamma_{(2);(1)}$ $\Gamma_{(2,1);(1,1)} \oplus 2\Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(1,1)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(2,2);(2,1)} \oplus \Gamma_{(2,2);(3)} \oplus \Gamma_{(3,1);(2,1)} \oplus \Gamma_{(3,1);(3)}$ $\Gamma_{(3,2);(3,1)}$	$\Gamma_{(1);(0)}$ $\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)}$ $\Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(2,2);(2,1)} \oplus \Gamma_{(3,1);(2,1)}$ $\Gamma_{(3,2);(2,2)}$

$\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)}$ $2\Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(1,1)}$ $\Gamma_{(2,2);(1,1,1)} \oplus \Gamma_{(2,2);(2,1)} \oplus \Gamma_{(3,1);(1,1,1)} \oplus \Gamma_{(3,1);(2,1)}$ $\Gamma_{(3,2);(2,1,1)}$	$\Gamma_{(2,1);(1,1)}$ $\Gamma_{(2,2);(1,1,1)} \oplus \Gamma_{(3,1);(1,1,1)}$ $\Gamma_{(3,2);(1,1,1,1)}$	$\Gamma_{(1,1);(1)}$ $\Gamma_{(1,1,1);(2)} \oplus \Gamma_{(2,1);(2)}$ $\Gamma_{(2,1,1);(3)} \oplus \Gamma_{(3,1);(3)}$ $\Gamma_{(3,1,1);(4)}$

$\Gamma_{(1);(0)}$ $2\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)}$ $\Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(1,1,1);(2)} \oplus \Gamma_{(2,1);(1,1)} \oplus 2\Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(2,1,1);(2,1)} \oplus \Gamma_{(2,1,1);(3)} \oplus \Gamma_{(3,1);(2,1)} \oplus \Gamma_{(3,1);(3)}$ $\Gamma_{(3,1,1);(3,1)}$	$\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)}$ $\Gamma_{(1,1,1);(2)} \oplus \Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(1,1)}$ $\Gamma_{(2,1,1);(2,1)} \oplus \Gamma_{(3,1);(2,1)}$ $\Gamma_{(3,1,1);(2,2)}$

$\Gamma_{(1);(0)}$ $\Gamma_{(1,1);(1)} \oplus 2\Gamma_{(2);(1)}$ $\Gamma_{(1,1,1);(1,1)} \oplus 2\Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)} \oplus \Gamma_{(3);(1,1)} \oplus \Gamma_{(3);(2)}$ $\Gamma_{(2,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1);(2,1)} \oplus \Gamma_{(3,1);(1,1,1)} \oplus \Gamma_{(3,1);(2,1)}$ $\Gamma_{(3,1,1);(2,1,1)}$	$\Gamma_{(2);(1)}$ $\Gamma_{(2,1);(1,1)} \oplus \Gamma_{(3);(1,1)}$ $\Gamma_{(2,1,1);(1,1,1)} \oplus \Gamma_{(3,1);(1,1,1)}$ $\Gamma_{(3,1,1);(1,1,1,1)}$

$\Gamma_{(2,1);(2)}$ $\Gamma_{(2,1,1);(3)} \oplus \Gamma_{(2,2);(3)}$ $\Gamma_{(2,2,1);(4)}$	$\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)}$ $\Gamma_{(1,1,1);(2)} \oplus \Gamma_{(2,1);(1,1)} \oplus 2\Gamma_{(2,1);(2)}$ $\Gamma_{(2,1,1);(2,1)} \oplus \Gamma_{(2,1,1);(3)} \oplus \Gamma_{(2,2);(2,1)} \oplus \Gamma_{(2,2);(3)}$ $\Gamma_{(2,2,1);(3,1)}$	$\Gamma_{(1);(0)}$ $\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)}$ $\Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)}$ $\Gamma_{(2,1,1);(2,1)} \oplus \Gamma_{(2,2);(2,1)}$ $\Gamma_{(2,2,1);(2,2)}$

$$\begin{array}{c}
\cdots, \\
\begin{array}{|c|} \hline \Gamma_{(1);(0)} \\ \hline 2\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)} \\ \hline \Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(1,1,1);(2)} \oplus 2\Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)} \\ \hline \Gamma_{(2,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1);(2,1)} \oplus \Gamma_{(2,2);(1,1,1)} \oplus \Gamma_{(2,2);(2,1)} \\ \hline \Gamma_{(2,2,1);(2,1,1)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1,1);(1)} \\ \hline \Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(2,1);(1,1)} \\ \hline \Gamma_{(2,1,1);(1,1,1)} \oplus \Gamma_{(2,2);(1,1,1)} \\ \hline \Gamma_{(2,2,1);(1,1,1,1)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1);(3)} \oplus \Gamma_{(2,1,1);(3)} \\ \hline \Gamma_{(2,1,1,1);(4)} \\ \hline \end{array} \\
\begin{array}{|c|} \hline \Gamma_{(1,1);(1)} \\ \hline \Gamma_{(1,1,1);(1,1)} \oplus 2\Gamma_{(1,1,1);(2)} \oplus \Gamma_{(2,1);(2)} \\ \hline \Gamma_{(1,1,1,1);(2,1)} \oplus \Gamma_{(1,1,1,1);(3)} \oplus \Gamma_{(2,1,1);(2,1)} \oplus \Gamma_{(2,1,1);(3)} \\ \hline \Gamma_{(2,1,1,1);(3,1)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1,1);(1)} \\ \hline \Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(1,1,1);(2)} \oplus \Gamma_{(2,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1);(2,1)} \oplus \Gamma_{(2,1,1);(2,1)} \\ \hline \Gamma_{(2,1,1,1);(2,2)} \\ \hline \end{array} \\
\begin{array}{|c|} \hline \Gamma_{(1);(0)} \\ \hline 2\Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)} \\ \hline 2\Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(1,1,1);(2)} \oplus \Gamma_{(2,1);(1,1)} \oplus \Gamma_{(2,1);(2)} \\ \hline \Gamma_{(1,1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1,1);(2,1)} \oplus \Gamma_{(2,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1);(2,1)} \\ \hline \Gamma_{(2,1,1,1);(2,1,1)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1);(0)} \\ \hline \Gamma_{(1,1);(1)} \oplus \Gamma_{(2);(1)} \\ \hline \Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(2,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1);(1,1,1)} \\ \hline \Gamma_{(2,1,1,1);(1,1,1,1)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1,1,1,1);(3)} \\ \hline \Gamma_{(1,1,1,1,1);(4)} \\ \hline \end{array} \\
\begin{array}{|c|} \hline \Gamma_{(1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1);(2,1)} \oplus \Gamma_{(1,1,1,1);(3)} \\ \hline \Gamma_{(1,1,1,1,1);(3,1)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1,1,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1);(2,1)} \\ \hline \Gamma_{(1,1,1,1,1);(2,2)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1,1);(1)} \\ \hline \Gamma_{(1,1,1);(1,1)} \oplus \Gamma_{(1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1,1);(2,1)} \\ \hline \Gamma_{(1,1,1,1,1);(2,1,1)} \\ \hline \end{array}, \\
\begin{array}{|c|} \hline \Gamma_{(1);(0)} \\ \hline \Gamma_{(1,1);(1)} \\ \hline \Gamma_{(1,1,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1);(1,1,1)} \\ \hline \Gamma_{(1,1,1,1,1);(1,1,1,1)} \\ \hline \end{array} \\
\end{array}$$

$V^{\otimes(10,0)}$

- $\Gamma_{(10);(0)}$ ,  $\Gamma_{(9,1);(0)}$ ,  $\Gamma_{(8,2);(0)}$ ,  $\Gamma_{(8,1,1);(0)}$ ,  $\Gamma_{(7,3);(0)}$ ,  $\Gamma_{(7,2,1);(0)}$ ,  $\Gamma_{(7,1,1,1);(0)}$
- ,  $\Gamma_{(6,4);(0)}$ ,  $\Gamma_{(6,3,1);(0)}$ ,  $\Gamma_{(6,2,2);(0)}$ ,  $\Gamma_{(6,2,1,1);(0)}$ ,  $\Gamma_{(6,1,1,1,1);(0)}$ ,  $\Gamma_{(5,5);(0)}$ ,  $\Gamma_{(5,4,1);(0)}$
- ,  $\Gamma_{(5,3,2);(0)}$ ,  $\Gamma_{(5,3,1,1);(0)}$ ,  $\Gamma_{(5,2,2,1);(0)}$ ,  $\Gamma_{(5,2,1,1,1);(0)}$ ,  $\Gamma_{(5,1,1,1,1,1);(0)}$ ,  $\Gamma_{(4,4,2);(0)}$ ,  $\Gamma_{(4,4,1,1);(0)}$
- ,  $\Gamma_{(4,3,3);(0)}$ ,  $\Gamma_{(4,3,2,1);(0)}$ ,  $\Gamma_{(4,3,1,1,1);(0)}$ ,  $\Gamma_{(4,2,2,2);(0)}$ ,  $\Gamma_{(4,2,2,1,1);(0)}$ ,  $\Gamma_{(4,2,1,1,1,1);(0)}$ ,  $\Gamma_{(4,1,1,1,1,1,1);(0)}$
- ,  $\Gamma_{(3,3,3,1);(0)}$ ,  $\Gamma_{(3,3,2,2);(0)}$ ,  $\Gamma_{(3,3,2,1,1);(0)}$ ,  $\Gamma_{(3,3,1,1,1,1);(0)}$ ,  $\Gamma_{(3,2,2,2,1);(0)}$ ,  $\Gamma_{(3,2,2,1,1,1);(0)}$ ,  $\Gamma_{(3,2,1,1,1,1,1);(0)}$
- ,  $\Gamma_{(3,1,1,1,1,1,1,1);(0)}$ ,  $\Gamma_{(2,2,2,2,2);(0)}$ ,  $\Gamma_{(2,2,2,2,1,1);(0)}$ ,  $\Gamma_{(2,2,2,1,1,1,1);(0)}$ ,  $\Gamma_{(2,2,1,1,1,1,1,1);(0)}$ ,  $\Gamma_{(2,1,1,1,1,1,1,1,1);(0)}$ ,  $\Gamma_{(1,1,1,1,1,1,1,1,1,1);(0)}$

$V^{\otimes(9,1)}$

$\frac{\Gamma(8);(0)}{\Gamma(9);(1)}$	$\frac{\Gamma(7,1);(0) \oplus \Gamma(8);(0)}{\Gamma(8,1);(1)}$	$\frac{\Gamma(6,2);(0) \oplus \Gamma(7,1);(0)}{\Gamma(7,2);(1)}$	$\frac{\Gamma(6,1,1);(0) \oplus \Gamma(7,1);(0)}{\Gamma(7,1,1);(1)}$
$\frac{\Gamma(5,3);(0) \oplus \Gamma(6,2);(0)}{\Gamma(6,3);(1)}$	$\frac{\Gamma(5,2,1);(0) \oplus \Gamma(6,1,1);(0) \oplus \Gamma(6,2);(0)}{\Gamma(6,2,1);(1)}$	$\frac{\Gamma(5,1,1,1);(0) \oplus \Gamma(6,1,1);(0)}{\Gamma(6,1,1,1);(1)}$	
$\frac{\Gamma(4,4);(0) \oplus \Gamma(5,3);(0)}{\Gamma(5,4);(1)}$	$\frac{\Gamma(4,3,1);(0) \oplus \Gamma(5,2,1);(0) \oplus \Gamma(5,3);(0)}{\Gamma(5,3,1);(1)}$	$\frac{\Gamma(4,2,2);(0) \oplus \Gamma(5,2,1);(0)}{\Gamma(5,2,2);(1)}$	
$\frac{\Gamma(4,2,1,1);(0) \oplus \Gamma(5,1,1,1);(0) \oplus \Gamma(5,2,1);(0)}{\Gamma(5,2,1,1);(1)}$	$\frac{\Gamma(4,1,1,1,1);(0) \oplus \Gamma(5,1,1,1);(0)}{\Gamma(5,1,1,1,1);(1)}$	$\frac{\Gamma(4,3,1);(0) \oplus \Gamma(4,4);(0)}{\Gamma(4,4,1);(1)}$	
$\frac{\Gamma(3,3,2);(0) \oplus \Gamma(4,2,2);(0) \oplus \Gamma(4,3,1);(0)}{\Gamma(4,3,2);(1)}$	$\frac{\Gamma(3,3,1,1);(0) \oplus \Gamma(4,2,1,1);(0) \oplus \Gamma(4,3,1);(0)}{\Gamma(4,3,1,1);(1)}$		
$\frac{\Gamma(3,2,2,1);(0) \oplus \Gamma(4,2,1,1);(0) \oplus \Gamma(4,2,2);(0)}{\Gamma(4,2,2,1);(1)}$	$\frac{\Gamma(3,2,1,1,1);(0) \oplus \Gamma(4,1,1,1,1);(0) \oplus \Gamma(4,2,1,1);(0)}{\Gamma(4,2,1,1,1);(1)}$		
$\frac{\Gamma(3,1,1,1,1,1);(0) \oplus \Gamma(4,1,1,1,1);(0)}{\Gamma(4,1,1,1,1,1);(1)}$	$\frac{\Gamma(3,3,2);(0)}{\Gamma(3,3,3);(1)}$	$\frac{\Gamma(3,2,2,1);(0) \oplus \Gamma(3,3,1,1);(0) \oplus \Gamma(3,3,2);(0)}{\Gamma(3,3,2,1);(1)}$	
$\frac{\Gamma(3,2,1,1,1);(0) \oplus \Gamma(3,3,1,1);(0)}{\Gamma(3,3,1,1,1);(1)}$	$\frac{\Gamma(2,2,2,2);(0) \oplus \Gamma(3,2,2,1);(0)}{\Gamma(3,2,2,2);(1)}$	$\frac{\Gamma(2,2,2,1,1);(0) \oplus \Gamma(3,2,1,1,1);(0) \oplus \Gamma(3,2,2,1);(0)}{\Gamma(3,2,2,1,1);(1)}$	

$$\begin{array}{l}
\dots, \frac{\Gamma_{(2,2,1,1,1,1);(0)} \oplus \Gamma_{(3,1,1,1,1,1);(0)} \oplus \Gamma_{(3,2,1,1,1,1);(0)}}{\Gamma_{(3,2,1,1,1,1);(1)}}, \frac{\Gamma_{(2,1,1,1,1,1,1);(0)} \oplus \Gamma_{(3,1,1,1,1,1,1);(0)}}{\Gamma_{(3,1,1,1,1,1,1);(1)}}, \frac{\Gamma_{(2,2,2,1,1);(0)} \oplus \Gamma_{(2,2,2,2);(0)}}{\Gamma_{(2,2,2,2,1);(1)}} \\
, \frac{\Gamma_{(2,2,1,1,1,1,1);(0)} \oplus \Gamma_{(2,2,2,1,1);(0)}}{\Gamma_{(2,2,2,1,1,1);(1)}}, \frac{\Gamma_{(2,1,1,1,1,1,1,1);(0)} \oplus \Gamma_{(2,2,1,1,1,1,1);(0)}}{\Gamma_{(2,2,1,1,1,1,1);(1)}}, \frac{\Gamma_{(1,1,1,1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1,1,1,1,1);(0)}}{\Gamma_{(2,1,1,1,1,1,1,1);(1)}} \\
, \frac{\Gamma_{(1,1,1,1,1,1,1,1);(0)}}{\Gamma_{(1,1,1,1,1,1,1,1);(1)}}
\end{array}$$

$V^{\otimes(8,2)}$

$\Gamma(6);(0)$	$\Gamma(7);(1)$	$\Gamma(5,1);(0) \oplus \Gamma(6);(0)$	$\Gamma(6);(0)$
$\Gamma(7);(1)$	$\Gamma(8);(1,1)$	$\Gamma(6,1);(1) \oplus \Gamma(7);(1)$	$\Gamma(6,1);(1) \oplus \Gamma(7);(1)$
$\Gamma(8);(2)$		$\Gamma(7,1);(2)$	$\Gamma(7,1);(1,1)$
$\Gamma(4,2);(0) \oplus \Gamma(5,1);(0) \oplus \Gamma(6);(0)$	$\Gamma(5,1);(0)$	$\Gamma(4,1,1);(0) \oplus \Gamma(5,1);(0)$	
$\Gamma(5,2);(1) \oplus \Gamma(6,1);(1)$	$\Gamma(5,2);(1) \oplus \Gamma(6,1);(1)$	$\Gamma(5,1,1);(1) \oplus \Gamma(6,1);(1)$	
$\Gamma(6,2);(2)$	$\Gamma(6,2);(1,1)$	$\Gamma(6,1,1);(2)$	
$\Gamma(5,1);(0) \oplus \Gamma(6);(0)$	$\Gamma(3,3);(0) \oplus \Gamma(4,2);(0) \oplus \Gamma(5,1);(0)$	$\Gamma(4,2);(0)$	
$\Gamma(5,1,1);(1) \oplus \Gamma(6,1);(1)$	$\Gamma(4,3);(1) \oplus \Gamma(5,2);(1)$	$\Gamma(4,3);(1) \oplus \Gamma(5,2);(1)$	
$\Gamma(6,1,1);(1,1)$	$\Gamma(5,3);(2)$	$\Gamma(5,3);(1,1)$	
$\Gamma(3,2,1);(0) \oplus \Gamma(4,1,1);(0) \oplus \Gamma(4,2);(0) \oplus \Gamma(5,1);(0)$	$\Gamma(4,1,1);(0) \oplus \Gamma(4,2);(0) \oplus \Gamma(5,1);(0)$		
$\Gamma(4,2,1);(1) \oplus \Gamma(5,1,1);(1) \oplus \Gamma(5,2);(1)$	$\Gamma(4,2,1);(1) \oplus \Gamma(5,1,1);(1) \oplus \Gamma(5,2);(1)$		
$\Gamma(5,2,1);(2)$	$\Gamma(5,2,1);(1,1)$		
$\Gamma(3,1,1,1);(0) \oplus \Gamma(4,1,1);(0)$	$\Gamma(4,1,1);(0) \oplus \Gamma(5,1);(0)$	$\Gamma(4,2);(0)$	$\Gamma(3,3);(0)$
$\Gamma(4,1,1,1);(1) \oplus \Gamma(5,1,1);(1)$	$\Gamma(4,1,1,1);(1) \oplus \Gamma(5,1,1);(1)$	$\Gamma(4,3);(1)$	$\Gamma(4,3);(1)$
$\Gamma(5,1,1,1);(2)$	$\Gamma(5,1,1,1);(1,1)$	$\Gamma(4,4);(2)$	$\Gamma(4,4);(1,1)$
$\Gamma(3,2,1);(0) \oplus \Gamma(3,3);(0) \oplus \Gamma(4,1,1);(0) \oplus \Gamma(4,2);(0)$	$\Gamma(3,2,1);(0) \oplus \Gamma(3,3);(0) \oplus \Gamma(4,2);(0)$		
$\Gamma(3,3,1);(1) \oplus \Gamma(4,2,1);(1) \oplus \Gamma(4,3);(1)$	$\Gamma(3,3,1);(1) \oplus \Gamma(4,2,1);(1) \oplus \Gamma(4,3);(1)$		
$\Gamma(4,3,1);(2)$	$\Gamma(4,3,1);(1,1)$		
$\Gamma(2,2,2);(0) \oplus \Gamma(3,2,1);(0) \oplus \Gamma(4,2);(0)$	$\Gamma(3,2,1);(0) \oplus \Gamma(4,1,1);(0)$	$\Gamma(2,2,1,1);(0) \oplus \Gamma(3,1,1,1);(0) \oplus \Gamma(3,2,1);(0) \oplus \Gamma(4,1,1);(0)$	
$\Gamma(3,2,2);(1) \oplus \Gamma(4,2,1);(1)$	$\Gamma(3,2,2);(1) \oplus \Gamma(4,2,1);(1)$	$\Gamma(3,2,1,1);(1) \oplus \Gamma(4,1,1,1);(1) \oplus \Gamma(4,2,1);(1)$	
$\Gamma(4,2,2);(2)$	$\Gamma(4,2,2);(1,1)$	$\Gamma(4,2,1,1);(2)$	
$\Gamma(3,1,1,1);(0) \oplus \Gamma(3,2,1);(0) \oplus \Gamma(4,1,1);(0) \oplus \Gamma(4,2);(0)$	$\Gamma(2,1,1,1,1);(0) \oplus \Gamma(3,1,1,1);(0)$		
$\Gamma(3,2,1,1);(1) \oplus \Gamma(4,1,1,1);(1) \oplus \Gamma(4,2,1);(1)$	$\Gamma(3,1,1,1,1);(1) \oplus \Gamma(4,1,1,1);(1)$		
$\Gamma(4,2,1,1);(1,1)$	$\Gamma(4,1,1,1,1);(2)$		

$\Gamma_{(3,1,1,1);(0)} \oplus \Gamma_{(4,1,1);(0)}$	$\Gamma_{(3,2,1);(0)} \oplus \Gamma_{(3,3);(0)}$	$\Gamma_{(2,2,2);(0)} \oplus \Gamma_{(3,2,1);(0)}$
$\Gamma_{(3,1,1,1,1);(1)} \oplus \Gamma_{(4,1,1,1);(1)}$	$\Gamma_{(3,2,2);(1)} \oplus \Gamma_{(3,3,1);(1)}$	$\Gamma_{(3,2,2);(1)} \oplus \Gamma_{(3,3,1);(1)}$
$\Gamma_{(4,1,1,1,1);(1,1)}$	$\Gamma_{(3,3,2);(2)}$	$\Gamma_{(3,3,2);(1,1)}$
$\Gamma_{(3,1,1,1);(0)} \oplus \Gamma_{(3,2,1);(0)}$	$\Gamma_{(2,2,1,1);(0)} \oplus \Gamma_{(3,2,1);(0)} \oplus \Gamma_{(3,3);(0)}$	$\Gamma_{(2,2,1,1);(0)} \oplus \Gamma_{(2,2,2);(0)} \oplus \Gamma_{(3,2,1);(0)}$
$\Gamma_{(3,2,1,1);(1)} \oplus \Gamma_{(3,3,1);(1)}$	$\Gamma_{(3,2,1,1);(1)} \oplus \Gamma_{(3,3,1);(1)}$	$\Gamma_{(2,2,2,1);(1)} \oplus \Gamma_{(3,2,1,1);(1)} \oplus \Gamma_{(3,2,2);(1)}$
$\Gamma_{(3,3,1,1);(2)}$	$\Gamma_{(3,3,1,1);(1,1)}$	$\Gamma_{(3,2,2,1);(2)}$
$\Gamma_{(2,2,1,1);(0)} \oplus \Gamma_{(2,2,2);(0)} \oplus \Gamma_{(3,1,1,1);(0)} \oplus \Gamma_{(3,2,1);(0)}$	$\Gamma_{(2,1,1,1,1);(0)} \oplus \Gamma_{(2,2,1,1);(0)} \oplus \Gamma_{(3,1,1,1);(0)}$	
$\Gamma_{(2,2,2,1);(1)} \oplus \Gamma_{(3,2,1,1);(1)} \oplus \Gamma_{(3,2,2);(1)}$	$\Gamma_{(2,2,1,1,1);(1)} \oplus \Gamma_{(3,1,1,1,1);(1)} \oplus \Gamma_{(3,2,1,1);(1)}$	
$\Gamma_{(3,2,2,1);(1,1)}$	$\Gamma_{(3,2,1,1,1);(2)}$	
$\Gamma_{(2,1,1,1,1);(0)} \oplus \Gamma_{(2,2,1,1);(0)} \oplus \Gamma_{(3,1,1,1);(0)} \oplus \Gamma_{(3,2,1);(0)}$	$\Gamma_{(1,1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1,1,1);(0)}$	
$\Gamma_{(2,2,1,1,1);(1)} \oplus \Gamma_{(3,1,1,1,1);(1)} \oplus \Gamma_{(3,2,1,1);(1)}$	$\Gamma_{(2,1,1,1,1,1);(1)} \oplus \Gamma_{(3,1,1,1,1);(1)}$	
$\Gamma_{(3,2,1,1,1);(1,1)}$	$\Gamma_{(3,1,1,1,1,1);(2)}$	
$\Gamma_{(2,1,1,1,1);(0)} \oplus \Gamma_{(3,1,1,1);(0)}$	$\Gamma_{(2,2,2);(0)}$	$\Gamma_{(2,2,1,1);(0)}$
$\Gamma_{(2,1,1,1,1,1);(1)} \oplus \Gamma_{(3,1,1,1,1);(1)}$	$\Gamma_{(2,2,2,1);(1)}$	$\Gamma_{(2,2,1,1,1);(1)} \oplus \Gamma_{(2,2,2,1);(1)}$
$\Gamma_{(3,1,1,1,1,1);(1,1)}$	$\Gamma_{(2,2,2,2);(2)}$	$\Gamma_{(2,2,2,1);(2)}$
$\Gamma_{(2,1,1,1,1);(0)} \oplus \Gamma_{(2,2,1,1);(0)} \oplus \Gamma_{(2,2,2);(0)}$	$\Gamma_{(2,1,1,1,1);(0)}$	$\Gamma_{(1,1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1,1,1);(0)} \oplus \Gamma_{(2,2,1,1);(0)}$
$\Gamma_{(2,2,1,1,1);(1)} \oplus \Gamma_{(2,2,2,1);(1)}$	$\Gamma_{(2,1,1,1,1,1);(1)} \oplus \Gamma_{(2,2,1,1,1);(1)}$	$\Gamma_{(2,1,1,1,1,1);(1)} \oplus \Gamma_{(2,2,1,1,1);(1)}$
$\Gamma_{(2,2,2,1,1);(1,1)}$	$\Gamma_{(2,2,1,1,1,1);(2)}$	$\Gamma_{(2,2,1,1,1,1);(1,1)}$
$\Gamma_{(1,1,1,1,1,1);(0)}$	$\Gamma_{(1,1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1,1,1);(0)}$	$\Gamma_{(1,1,1,1,1,1);(0)}$
$\Gamma_{(1,1,1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1,1,1);(1)}$
$\Gamma_{(2,1,1,1,1,1,1);(2)}$	$\Gamma_{(2,1,1,1,1,1,1);(1,1)}$	$\Gamma_{(1,1,1,1,1,1,1,1);(1,1)}$



$V^{\otimes(7,3)}$

$\Gamma_{(4);(0)}$	$\Gamma_{(5);(1)}$ $\Gamma_{(6);(1,1)} \oplus \Gamma_{(6);(2)}$ $\Gamma_{(7);(2,1)}$	$\Gamma_{(6);(1,1)}$ $\Gamma_{(7);(1,1,1)}$	$\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$
$\Gamma_{(5);(1)}$			$\Gamma_{(4,1);(1)} \oplus \Gamma_{(5);(1)}$
$\Gamma_{(6);(2)}$			$\Gamma_{(5,1);(2)} \oplus \Gamma_{(6);(2)}$
$\Gamma_{(7);(3)}$			$\Gamma_{(6,1);(3)}$

$\Gamma_{(4);(0)}$	$\Gamma_{(5);(1)}$ $\Gamma_{(5,1);(1,1)} \oplus \Gamma_{(6);(1,1)}$ $\Gamma_{(6,1);(1,1,1)}$
$\Gamma_{(4,1);(1)} \oplus 2\Gamma_{(5);(1)}$	
$\Gamma_{(5,1);(1,1)} \oplus \Gamma_{(5,1);(2)} \oplus \Gamma_{(6);(1,1)} \oplus \Gamma_{(6);(2)}$	
$\Gamma_{(6,1);(2,1)}$	

$\Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$	$\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$ $\Gamma_{(3,2);(1)} \oplus 2\Gamma_{(4,1);(1)} \oplus \Gamma_{(5);(1)}$ $\Gamma_{(4,2);(1,1)} \oplus \Gamma_{(4,2);(2)} \oplus \Gamma_{(5,1);(1,1)} \oplus \Gamma_{(5,1);(2)}$ $\Gamma_{(5,2);(2,1)}$
$\Gamma_{(3,2);(1)} \oplus \Gamma_{(4,1);(1)} \oplus \Gamma_{(5);(1)}$	
$\Gamma_{(4,2);(2)} \oplus \Gamma_{(5,1);(2)}$	
$\Gamma_{(5,2);(3)}$	

$\Gamma_{(4,1);(1)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(3,1);(0)}$ $\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(4,1);(1)}$ $\Gamma_{(4,1,1);(2)} \oplus \Gamma_{(5,1);(2)}$ $\Gamma_{(5,1,1);(3)}$	$\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$ $\Gamma_{(3,1,1);(1)} \oplus 2\Gamma_{(4,1);(1)} \oplus \Gamma_{(5);(1)}$ $\Gamma_{(4,1,1);(1,1)} \oplus \Gamma_{(4,1,1);(2)} \oplus \Gamma_{(5,1);(1,1)} \oplus \Gamma_{(5,1);(2)}$ $\Gamma_{(5,1,1);(2,1)}$
$\Gamma_{(4,2);(1,1)} \oplus \Gamma_{(5,1);(1,1)}$		
$\Gamma_{(5,2);(1,1,1)}$		

$\Gamma_{(4);(0)}$	$\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$ $\Gamma_{(3,2);(1)} \oplus \Gamma_{(4,1);(1)}$ $\Gamma_{(3,3);(2)} \oplus \Gamma_{(4,2);(2)}$ $\Gamma_{(4,3);(3)}$	$\Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$ $2\Gamma_{(3,2);(1)} \oplus \Gamma_{(4,1);(1)}$ $\Gamma_{(3,3);(1,1)} \oplus \Gamma_{(3,3);(2)} \oplus \Gamma_{(4,2);(1,1)} \oplus \Gamma_{(4,2);(2)}$ $\Gamma_{(4,3);(2,1)}$
$\Gamma_{(4,1);(1)} \oplus \Gamma_{(5);(1)}$		
$\Gamma_{(4,1,1);(1,1)} \oplus \Gamma_{(5,1);(1,1)}$		
$\Gamma_{(5,1,1);(1,1,1)}$		

$\Gamma_{(3,2);(1)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$ $\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,2);(1)} \oplus \Gamma_{(4,1);(1)}$ $\Gamma_{(3,2,1);(2)} \oplus \Gamma_{(4,1,1);(2)} \oplus \Gamma_{(4,2);(2)}$ $\Gamma_{(4,2,1);(3)}$
$\Gamma_{(3,3);(1,1)} \oplus \Gamma_{(4,2);(1,1)}$	
$\Gamma_{(4,3);(1,1,1)}$	

$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus 2\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$
$\Gamma_{(2,2,1);(1)} \oplus 2\Gamma_{(3,1,1);(1)} \oplus 2\Gamma_{(3,2);(1)} \oplus 2\Gamma_{(4,1);(1)}$
$\Gamma_{(3,2,1);(1,1)} \oplus \Gamma_{(3,2,1);(2)} \oplus \Gamma_{(4,1,1);(1,1)} \oplus \Gamma_{(4,1,1);(2)} \oplus \Gamma_{(4,2);(1,1)} \oplus \Gamma_{(4,2);(2)}$
$\Gamma_{(4,2,1);(2,1)}$

$\Gamma_{(3,1);(0)}$	$\Gamma_{(1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)}$ $\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(3,1,1);(1)}$ $\Gamma_{(3,1,1,1);(2)} \oplus \Gamma_{(4,1,1);(2)}$ $\Gamma_{(4,1,1,1);(3)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(3,1);(0)}$ $\Gamma_{(2,1,1,1);(1)} \oplus 2\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(4,1);(1)}$ $\Gamma_{(3,1,1,1);(1,1)} \oplus \Gamma_{(3,1,1,1);(2)} \oplus \Gamma_{(4,1,1);(1,1)} \oplus \Gamma_{(4,1,1);(2)}$ $\Gamma_{(4,1,1,1);(2,1)}$
$\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,2);(1)} \oplus \Gamma_{(4,1);(1)}$		
$\Gamma_{(3,2,1);(1,1)} \oplus \Gamma_{(4,1,1);(1,1)} \oplus \Gamma_{(4,2);(1,1)}$		
$\Gamma_{(4,2,1);(1,1,1)}$		

$\Gamma_{(3,1);(0)} \oplus \Gamma_{(4);(0)}$	$\Gamma_{(3,1);(0)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$
$\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(4,1);(1)}$	$\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,2);(1)}$	$\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)} \oplus 2\Gamma_{(3,2);(1)}$
$\Gamma_{(3,1,1,1);(1,1)} \oplus \Gamma_{(4,1,1);(1,1)}$	$\Gamma_{(3,2,1);(2)} \oplus \Gamma_{(3,3);(2)}$	$\Gamma_{(3,2,1);(1,1)} \oplus \Gamma_{(3,2,1);(2)} \oplus \Gamma_{(3,3);(1,1)} \oplus \Gamma_{(3,3);(2)}$
$\Gamma_{(4,1,1,1);(1,1,1)}$	$\Gamma_{(3,3,1);(3)}$	$\Gamma_{(3,3,1);(2,1)}$
$\Gamma_{(2,2);(0)}$	$\Gamma_{(2,2);(0)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$
$\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,2);(1)}$	$\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,2);(1)}$	$2\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,2);(1)}$
$\Gamma_{(3,2,1);(1,1)} \oplus \Gamma_{(3,3);(1,1)}$	$\Gamma_{(2,2,2);(2)} \oplus \Gamma_{(3,2,1);(2)}$	$\Gamma_{(2,2,2);(1,1)} \oplus \Gamma_{(2,2,2);(2)} \oplus \Gamma_{(3,2,1);(1,1)} \oplus \Gamma_{(3,2,1);(2)}$
$\Gamma_{(3,3,1);(1,1,1)}$	$\Gamma_{(3,2,2);(3)}$	$\Gamma_{(3,2,2);(2,1)}$
$\Gamma_{(2,1,1);(0)}$	$\Gamma_{(2,1,1);(0)}$	$\Gamma_{(1,1,1,1);(0)} \oplus 2\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$
$\Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)}$	$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)}$	$2\Gamma_{(2,1,1,1);(1)} \oplus 2\Gamma_{(2,2,1);(1)} \oplus 2\Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,1,1);(2)}$
$\Gamma_{(2,2,2);(1,1)} \oplus \Gamma_{(3,2,1);(1,1)}$	$\Gamma_{(2,2,1,1);(2)} \oplus \Gamma_{(3,1,1,1);(2)} \oplus \Gamma_{(3,2,1);(2)}$	$\Gamma_{(2,2,1,1);(1,1)} \oplus \Gamma_{(2,2,1,1);(2)} \oplus \Gamma_{(3,1,1,1);(1,1)} \oplus \Gamma_{(3,1,1,1);(2)}$
$\Gamma_{(3,2,2);(1,1,1)}$	$\Gamma_{(3,2,1,1);(3)}$	$\Gamma_{(3,2,1,1);(2,1)}$
$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)} \oplus \Gamma_{(3,1);(0)}$	$\Gamma_{(1,1,1,1);(0)}$	
$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(2,2,1);(1)} \oplus \Gamma_{(3,1,1);(1)} \oplus \Gamma_{(3,2);(1)}$	$\Gamma_{(1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1);(1)}$	
$\Gamma_{(2,2,1,1);(1,1)} \oplus \Gamma_{(3,1,1,1);(1,1)} \oplus \Gamma_{(3,2,1);(1,1)}$	$\Gamma_{(2,1,1,1,1);(2)} \oplus \Gamma_{(3,1,1,1);(2)}$	
$\Gamma_{(3,2,1,1);(1,1,1)}$	$\Gamma_{(3,1,1,1,1);(3)}$	
$\Gamma_{(1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(3,1);(0)}$	
$\Gamma_{(1,1,1,1,1);(1)} \oplus 2\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(3,1,1);(1)}$	$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(3,1,1);(1)}$	
$\Gamma_{(2,1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1,1,1);(2)} \oplus \Gamma_{(3,1,1,1);(1,1)} \oplus \Gamma_{(3,1,1,1);(2)}$	$\Gamma_{(2,1,1,1,1);(1,1)} \oplus \Gamma_{(3,1,1,1);(1,1)}$	
$\Gamma_{(3,1,1,1,1);(2,1)}$	$\Gamma_{(3,1,1,1,1);(1,1,1)}$	
$\Gamma_{(2,2,1);(1)}$	$\Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)}$	
$\Gamma_{(2,2,1,1);(2)} \oplus \Gamma_{(2,2,2);(2)}$	$\Gamma_{(2,1,1,1);(1)} \oplus 2\Gamma_{(2,2,1);(1)}$	
$\Gamma_{(2,2,2,1);(3)}$	$\Gamma_{(2,2,1,1);(1,1)} \oplus \Gamma_{(2,2,1,1);(2)} \oplus \Gamma_{(2,2,2);(1,1)} \oplus \Gamma_{(2,2,2);(2)}$	
	$\Gamma_{(2,2,2,1);(2,1)}$	
$\Gamma_{(1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)}$	$\Gamma_{(2,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)}$
$\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(2,2,1);(1)}$	$\Gamma_{(2,1,1,1,1);(2)} \oplus \Gamma_{(2,2,1,1);(2)}$	$\Gamma_{(1,1,1,1,1);(1)} \oplus 2\Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(2,2,1);(1)}$
$\Gamma_{(2,2,1,1);(1,1)} \oplus \Gamma_{(2,2,2);(1,1)}$	$\Gamma_{(2,2,1,1,1);(3)}$	$\Gamma_{(2,1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1,1,1);(2)} \oplus \Gamma_{(2,2,1,1);(1,1)} \oplus \Gamma_{(2,2,1,1);(2)}$
$\Gamma_{(2,2,2,1);(1,1,1)}$		$\Gamma_{(2,2,1,1,1);(2,1)}$
$\Gamma_{(1,1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)} \oplus \Gamma_{(2,2);(0)}$	$\Gamma_{(1,1,1,1,1);(1)}$	$\Gamma_{(1,1,1,1,1);(0)}$
$\Gamma_{(1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1);(1)} \oplus \Gamma_{(2,2,1);(1)}$	$\Gamma_{(1,1,1,1,1,1);(2)} \oplus \Gamma_{(2,1,1,1,1);(2)}$	$2\Gamma_{(1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1);(1)}$
$\Gamma_{(2,1,1,1,1);(1,1)} \oplus \Gamma_{(2,2,1,1);(1,1)}$	$\Gamma_{(2,1,1,1,1,1);(3)}$	$\Gamma_{(1,1,1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1,1,1);(2)} \oplus \Gamma_{(2,1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1,1,1);(2)}$
$\Gamma_{(2,2,1,1,1);(1,1,1)}$		$\Gamma_{(2,1,1,1,1,1);(2,1)}$

$$\begin{array}{c}
\cdots, \quad \begin{array}{|c|} \hline \Gamma_{(1,1,1,1);(0)} \oplus \Gamma_{(2,1,1);(0)} \\ \hline \Gamma_{(1,1,1,1,1);(1)} \oplus \Gamma_{(2,1,1,1);(1)} \\ \hline \Gamma_{(1,1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1,1,1);(1,1)} \\ \hline \Gamma_{(2,1,1,1,1);(1,1,1)} \\ \hline \end{array}, \quad \begin{array}{|c|} \hline \Gamma_{(1,1,1,1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1,1,1);(3)} \\ \hline \end{array}, \quad \begin{array}{|c|} \hline \Gamma_{(1,1,1,1,1);(1)} \\ \hline \Gamma_{(1,1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1,1,1);(2,1)} \\ \hline \end{array}, \quad \begin{array}{|c|} \hline \Gamma_{(1,1,1,1);(0)} \\ \hline \Gamma_{(1,1,1,1,1);(1)} \\ \hline \Gamma_{(1,1,1,1,1,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1,1,1);(1,1,1)} \\ \hline \end{array}
\end{array}$$

$V^{\otimes(6,4)}$

$\Gamma(2);(0)$	<table border="1"> <tr><td><math>\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(4);(1,1) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(5);(2,1) \oplus \Gamma(5);(3)</math></td></tr> <tr><td><math>\Gamma(6);(3,1)</math></td></tr> </table>	$\Gamma(3);(1)$	$\Gamma(4);(1,1) \oplus \Gamma(4);(2)$	$\Gamma(5);(2,1) \oplus \Gamma(5);(3)$	$\Gamma(6);(3,1)$	<table border="1"> <tr><td><math>\Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(5);(2,1)</math></td></tr> <tr><td><math>\Gamma(6);(2,2)</math></td></tr> </table>	$\Gamma(4);(2)$	$\Gamma(5);(2,1)$	$\Gamma(6);(2,2)$	<table border="1"> <tr><td><math>\Gamma(4);(1,1)</math></td></tr> <tr><td><math>\Gamma(5);(1,1,1) \oplus \Gamma(5);(2,1)</math></td></tr> <tr><td><math>\Gamma(6);(2,1,1)</math></td></tr> </table>	$\Gamma(4);(1,1)$	$\Gamma(5);(1,1,1) \oplus \Gamma(5);(2,1)$	$\Gamma(6);(2,1,1)$
$\Gamma(3);(1)$													
$\Gamma(4);(1,1) \oplus \Gamma(4);(2)$													
$\Gamma(5);(2,1) \oplus \Gamma(5);(3)$													
$\Gamma(6);(3,1)$													
$\Gamma(4);(2)$													
$\Gamma(5);(2,1)$													
$\Gamma(6);(2,2)$													
$\Gamma(4);(1,1)$													
$\Gamma(5);(1,1,1) \oplus \Gamma(5);(2,1)$													
$\Gamma(6);(2,1,1)$													
$\Gamma(3);(1)$													
$\Gamma(4);(2)$													
$\Gamma(5);(3)$													
$\Gamma(6);(4)$													

<table border="1"> <tr><td><math>\Gamma(5);(1,1,1)</math></td></tr> <tr><td><math>\Gamma(6);(1,1,1,1)</math></td></tr> </table>	$\Gamma(5);(1,1,1)$	$\Gamma(6);(1,1,1,1)$	<table border="1"> <tr><td><math>\Gamma(1,1);(0) \oplus \Gamma(2);(0)</math></td></tr> <tr><td><math>\Gamma(2,1);(1) \oplus \Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(3,1);(2) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(4,1);(3) \oplus \Gamma(5);(3)</math></td></tr> <tr><td><math>\Gamma(5,1);(4)</math></td></tr> </table>	$\Gamma(1,1);(0) \oplus \Gamma(2);(0)$	$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$	$\Gamma(3,1);(2) \oplus \Gamma(4);(2)$	$\Gamma(4,1);(3) \oplus \Gamma(5);(3)$	$\Gamma(5,1);(4)$	<table border="1"> <tr><td><math>\Gamma(2);(0)</math></td></tr> <tr><td><math>\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus 2\Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3) \oplus \Gamma(5);(2,1) \oplus \Gamma(5);(3)</math></td></tr> <tr><td><math>\Gamma(5,1);(3,1)</math></td></tr> </table>	$\Gamma(2);(0)$	$\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)$	$\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus 2\Gamma(4);(2)$	$\Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3) \oplus \Gamma(5);(2,1) \oplus \Gamma(5);(3)$	$\Gamma(5,1);(3,1)$
	$\Gamma(5);(1,1,1)$													
	$\Gamma(6);(1,1,1,1)$													
	$\Gamma(1,1);(0) \oplus \Gamma(2);(0)$													
$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$														
$\Gamma(3,1);(2) \oplus \Gamma(4);(2)$														
$\Gamma(4,1);(3) \oplus \Gamma(5);(3)$														
$\Gamma(5,1);(4)$														
$\Gamma(2);(0)$														
$\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)$														
$\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus 2\Gamma(4);(2)$														
$\Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3) \oplus \Gamma(5);(2,1) \oplus \Gamma(5);(3)$														
$\Gamma(5,1);(3,1)$														
$\Gamma(1,1);(0) \oplus \Gamma(2);(0)$														
$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$														
$\Gamma(3,1);(2) \oplus \Gamma(4);(2)$														
$\Gamma(4,1);(3) \oplus \Gamma(5);(3)$														
$\Gamma(5,1);(4)$														

<table border="1"> <tr><td><math>\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(4,1);(2,1) \oplus \Gamma(5);(2,1)</math></td></tr> <tr><td><math>\Gamma(5,1);(2,2)</math></td></tr> </table>	$\Gamma(3);(1)$	$\Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)$	$\Gamma(4,1);(2,1) \oplus \Gamma(5);(2,1)$	$\Gamma(5,1);(2,2)$	<table border="1"> <tr><td><math>\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(3,1);(1,1) \oplus 2\Gamma(4);(1,1) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(5);(1,1,1) \oplus \Gamma(5);(2,1)</math></td></tr> <tr><td><math>\Gamma(5,1);(2,1,1)</math></td></tr> </table>	$\Gamma(3);(1)$	$\Gamma(3,1);(1,1) \oplus 2\Gamma(4);(1,1) \oplus \Gamma(4);(2)$	$\Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(5);(1,1,1) \oplus \Gamma(5);(2,1)$	$\Gamma(5,1);(2,1,1)$
	$\Gamma(3);(1)$								
	$\Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)$								
	$\Gamma(4,1);(2,1) \oplus \Gamma(5);(2,1)$								
$\Gamma(5,1);(2,2)$									
$\Gamma(3);(1)$									
$\Gamma(3,1);(1,1) \oplus 2\Gamma(4);(1,1) \oplus \Gamma(4);(2)$									
$\Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(5);(1,1,1) \oplus \Gamma(5);(2,1)$									
$\Gamma(5,1);(2,1,1)$									
$\Gamma(3);(1)$									
$\Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)$									
$\Gamma(4,1);(2,1) \oplus \Gamma(5);(2,1)$									
$\Gamma(5,1);(2,2)$									

<table border="1"> <tr><td><math>\Gamma(4);(1,1)</math></td></tr> <tr><td><math>\Gamma(4,1);(1,1,1) \oplus \Gamma(5);(1,1,1)</math></td></tr> <tr><td><math>\Gamma(5,1);(1,1,1,1)</math></td></tr> </table>	$\Gamma(4);(1,1)$	$\Gamma(4,1);(1,1,1) \oplus \Gamma(5);(1,1,1)$	$\Gamma(5,1);(1,1,1,1)$	<table border="1"> <tr><td><math>\Gamma(2);(0)</math></td></tr> <tr><td><math>\Gamma(2,1);(1) \oplus \Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,2);(2) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(3,2);(3) \oplus \Gamma(4,1);(3)</math></td></tr> <tr><td><math>\Gamma(4,2);(4)</math></td></tr> </table>	$\Gamma(2);(0)$	$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$	$\Gamma(2,2);(2) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(2)$	$\Gamma(3,2);(3) \oplus \Gamma(4,1);(3)$	$\Gamma(4,2);(4)$	<table border="1"> <tr><td><math>\Gamma(1,1);(0) \oplus \Gamma(2);(0)</math></td></tr> <tr><td><math>2\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,2);(1,1) \oplus \Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus 2\Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(3,2);(2,1) \oplus \Gamma(3,2);(3) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3)</math></td></tr> <tr><td><math>\Gamma(4,2);(3,1)</math></td></tr> </table>	$\Gamma(1,1);(0) \oplus \Gamma(2);(0)$	$2\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)$	$\Gamma(2,2);(1,1) \oplus \Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus 2\Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)$	$\Gamma(3,2);(2,1) \oplus \Gamma(3,2);(3) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3)$	$\Gamma(4,2);(3,1)$
	$\Gamma(4);(1,1)$														
	$\Gamma(4,1);(1,1,1) \oplus \Gamma(5);(1,1,1)$														
$\Gamma(5,1);(1,1,1,1)$															
$\Gamma(2);(0)$															
$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$															
$\Gamma(2,2);(2) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(2)$															
$\Gamma(3,2);(3) \oplus \Gamma(4,1);(3)$															
$\Gamma(4,2);(4)$															
$\Gamma(1,1);(0) \oplus \Gamma(2);(0)$															
$2\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)$															
$\Gamma(2,2);(1,1) \oplus \Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus 2\Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)$															
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$\Gamma(4,2);(3,1)$															
$\Gamma(4);(1,1)$															
$\Gamma(4,1);(1,1,1) \oplus \Gamma(5);(1,1,1)$															
$\Gamma(5,1);(1,1,1,1)$															

<table border="1"> <tr><td><math>\Gamma(2);(0)</math></td></tr> <tr><td><math>\Gamma(2,1);(1) \oplus \Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(3,2);(2,1) \oplus \Gamma(4,1);(2,1)</math></td></tr> <tr><td><math>\Gamma(4,2);(2,2)</math></td></tr> </table>	$\Gamma(2);(0)$	$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$	$\Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(2)$	$\Gamma(3,2);(2,1) \oplus \Gamma(4,1);(2,1)$	$\Gamma(4,2);(2,2)$	<table border="1"> <tr><td><math>\Gamma(2,1);(1) \oplus \Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,2);(1,1) \oplus 2\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1)</math></td></tr> <tr><td><math>\Gamma(3,2);(1,1,1) \oplus \Gamma(3,2);(2,1) \oplus \Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1)</math></td></tr> <tr><td><math>\Gamma(4,2);(2,1,1)</math></td></tr> </table>	$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$	$\Gamma(2,2);(1,1) \oplus 2\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1)$	$\Gamma(3,2);(1,1,1) \oplus \Gamma(3,2);(2,1) \oplus \Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1)$	$\Gamma(4,2);(2,1,1)$
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	$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$									
	$\Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(2)$									
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$\Gamma(4,2);(2,2)$										
$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$										
$\Gamma(2,2);(1,1) \oplus 2\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1)$										
$\Gamma(3,2);(1,1,1) \oplus \Gamma(3,2);(2,1) \oplus \Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1)$										
$\Gamma(4,2);(2,1,1)$										
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$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$										
$\Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(2)$										
$\Gamma(3,2);(2,1) \oplus \Gamma(4,1);(2,1)$										
$\Gamma(4,2);(2,2)$										

<table border="1"> <tr><td><math>\Gamma(3,1);(1,1)</math></td></tr> <tr><td><math>\Gamma(3,2);(1,1,1) \oplus \Gamma(4,1);(1,1,1)</math></td></tr> <tr><td><math>\Gamma(4,2);(1,1,1,1)</math></td></tr> </table>	$\Gamma(3,1);(1,1)$	$\Gamma(3,2);(1,1,1) \oplus \Gamma(4,1);(1,1,1)$	$\Gamma(4,2);(1,1,1,1)$	<table border="1"> <tr><td><math>\Gamma(1,1);(0)</math></td></tr> <tr><td><math>\Gamma(1,1,1);(1) \oplus \Gamma(2,1);(1)</math></td></tr> <tr><td><math>\Gamma(2,1,1);(2) \oplus \Gamma(3,1);(2)</math></td></tr> <tr><td><math>\Gamma(3,1,1);(3) \oplus \Gamma(4,1);(3)</math></td></tr> <tr><td><math>\Gamma(4,1,1);(4)</math></td></tr> </table>	$\Gamma(1,1);(0)$	$\Gamma(1,1,1);(1) \oplus \Gamma(2,1);(1)$	$\Gamma(2,1,1);(2) \oplus \Gamma(3,1);(2)$	$\Gamma(3,1,1);(3) \oplus \Gamma(4,1);(3)$	$\Gamma(4,1,1);(4)$	<table border="1"> <tr><td><math>\Gamma(1,1);(0) \oplus \Gamma(2);(0)</math></td></tr> <tr><td><math>\Gamma(1,1,1);(1) \oplus 2\Gamma(2,1);(1) \oplus \Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,1,1);(1,1) \oplus \Gamma(2,1,1);(2) \oplus \Gamma(3,1);(1,1) \oplus 2\Gamma(3,1);(2) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(3,1,1);(2,1) \oplus \Gamma(3,1,1);(3) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3)</math></td></tr> <tr><td><math>\Gamma(4,1,1);(3,1)</math></td></tr> </table>	$\Gamma(1,1);(0) \oplus \Gamma(2);(0)$	$\Gamma(1,1,1);(1) \oplus 2\Gamma(2,1);(1) \oplus \Gamma(3);(1)$	$\Gamma(2,1,1);(1,1) \oplus \Gamma(2,1,1);(2) \oplus \Gamma(3,1);(1,1) \oplus 2\Gamma(3,1);(2) \oplus \Gamma(4);(2)$	$\Gamma(3,1,1);(2,1) \oplus \Gamma(3,1,1);(3) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3)$	$\Gamma(4,1,1);(3,1)$
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$\Gamma(3,1,1);(3) \oplus \Gamma(4,1);(3)$															
$\Gamma(4,1,1);(4)$															
$\Gamma(1,1);(0) \oplus \Gamma(2);(0)$															
$\Gamma(1,1,1);(1) \oplus 2\Gamma(2,1);(1) \oplus \Gamma(3);(1)$															
$\Gamma(2,1,1);(1,1) \oplus \Gamma(2,1,1);(2) \oplus \Gamma(3,1);(1,1) \oplus 2\Gamma(3,1);(2) \oplus \Gamma(4);(2)$															
$\Gamma(3,1,1);(2,1) \oplus \Gamma(3,1,1);(3) \oplus \Gamma(4,1);(2,1) \oplus \Gamma(4,1);(3)$															
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$\Gamma(4,2);(1,1,1,1)$															

<table border="1"> <tr><td><math>\Gamma(2,1);(1) \oplus \Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,1,1);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1)</math></td></tr> <tr><td><math>\Gamma(3,1,1);(2,1) \oplus \Gamma(4,1);(2,1)</math></td></tr> <tr><td><math>\Gamma(4,1,1);(2,2)</math></td></tr> </table>	$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$	$\Gamma(2,1,1);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1)$	$\Gamma(3,1,1);(2,1) \oplus \Gamma(4,1);(2,1)$	$\Gamma(4,1,1);(2,2)$	<table border="1"> <tr><td><math>\Gamma(2);(0)</math></td></tr> <tr><td><math>\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,1,1);(1,1) \oplus 2\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)</math></td></tr> <tr><td><math>\Gamma(3,1,1);(1,1,1) \oplus \Gamma(3,1,1);(2,1) \oplus \Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1)</math></td></tr> <tr><td><math>\Gamma(4,1,1);(2,1,1)</math></td></tr> </table>	$\Gamma(2);(0)$	$\Gamma(2,1);(1) \oplus 2\Gamma(3);(1)$	$\Gamma(2,1,1);(1,1) \oplus 2\Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2) \oplus \Gamma(4);(1,1) \oplus \Gamma(4);(2)$	$\Gamma(3,1,1);(1,1,1) \oplus \Gamma(3,1,1);(2,1) \oplus \Gamma(4,1);(1,1,1) \oplus \Gamma(4,1);(2,1)$	$\Gamma(4,1,1);(2,1,1)$
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$\Gamma(2);(0)$										
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<table border="1"> <tr><td><math>\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(3,1);(1,1) \oplus \Gamma(4);(1,1)</math></td></tr> <tr><td><math>\Gamma(3,1,1);(1,1,1) \oplus \Gamma(4,1);(1,1,1)</math></td></tr> <tr><td><math>\Gamma(4,1,1);(1,1,1,1)</math></td></tr> </table>	$\Gamma(3);(1)$	$\Gamma(3,1);(1,1) \oplus \Gamma(4);(1,1)$	$\Gamma(3,1,1);(1,1,1) \oplus \Gamma(4,1);(1,1,1)$	$\Gamma(4,1,1);(1,1,1,1)$	<table border="1"> <tr><td><math>\Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(3,1);(2)</math></td></tr> <tr><td><math>\Gamma(3,2);(3)</math></td></tr> <tr><td><math>\Gamma(3,3);(4)</math></td></tr> </table>	$\Gamma(3);(1)$	$\Gamma(3,1);(2)$	$\Gamma(3,2);(3)$	$\Gamma(3,3);(4)$	<table border="1"> <tr><td><math>\Gamma(2);(0)</math></td></tr> <tr><td><math>\Gamma(2,1);(1) \oplus \Gamma(3);(1)</math></td></tr> <tr><td><math>\Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2)</math></td></tr> <tr><td><math>\Gamma(3,2);(2,1) \oplus \Gamma(3,2);(3)</math></td></tr> <tr><td><math>\Gamma(3,3);(3,1)</math></td></tr> </table>	$\Gamma(2);(0)$	$\Gamma(2,1);(1) \oplus \Gamma(3);(1)$	$\Gamma(2,2);(2) \oplus \Gamma(3,1);(1,1) \oplus \Gamma(3,1);(2)$	$\Gamma(3,2);(2,1) \oplus \Gamma(3,2);(3)$	$\Gamma(3,3);(3,1)$
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$\Gamma(4,1,1);(1,1,1,1)$															

$\Gamma_{(1,1);(0)}$	$\Gamma_{(2,1);(1)}$ $\Gamma_{(2,2);(1,1)} \oplus \Gamma_{(2,2);(2)} \oplus \Gamma_{(3,1);(1,1)}$ $\Gamma_{(3,2);(1,1,1)} \oplus \Gamma_{(3,2);(2,1)}$ $\Gamma_{(3,3);(2,1,1)}$	$\Gamma_{(2,2);(1,1)}$ $\Gamma_{(3,2);(1,1,1)}$ $\Gamma_{(3,3);(1,1,1,1)}$
$\Gamma_{(2,1);(1)}$		
$\Gamma_{(2,2);(1,1)} \oplus \Gamma_{(3,1);(2)}$		
$\Gamma_{(3,2);(2,1)}$		
$\Gamma_{(3,3);(2,2)}$		

$\Gamma_{(2,1);(1)}$	$\Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)}$ $\Gamma_{(1,1,1);(1)} \oplus 3\Gamma_{(2,1);(1)} \oplus \Gamma_{(3);(1)}$ $\Gamma_{(2,1,1);(1,1)} \oplus 2\Gamma_{(2,1,1);(2)} \oplus \Gamma_{(2,2);(1,1)} \oplus 2\Gamma_{(2,2);(2)} \oplus \Gamma_{(3,1);(1,1)} \oplus 2\Gamma_{(3,1);(2)}$ $\Gamma_{(2,2,1);(2,1)} \oplus \Gamma_{(2,2,1);(3)} \oplus \Gamma_{(3,1,1);(2,1)} \oplus \Gamma_{(3,1,1);(3)} \oplus \Gamma_{(3,2);(2,1)} \oplus \Gamma_{(3,2);(3)}$ $\Gamma_{(3,2,1);(3,1)}$
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$\Gamma_{(1,1);(0)}$
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$\Gamma_{(2,1,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1,1);(2,1)} \oplus \Gamma_{(3,1,1);(1,1,1)} \oplus \Gamma_{(3,1,1);(2,1)}$
$\Gamma_{(3,1,1,1);(2,1,1)}$

$\Gamma_{(2);(0)}$
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$\Gamma_{(2,2);(2)}$
$\Gamma_{(2,2,1);(3)}$
$\Gamma_{(2,2,2);(4)}$

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$\Gamma_{(2,2,1);(1,1,1)}$
$\Gamma_{(2,2,2);(1,1,1,1)}$

$$\begin{array}{c}
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\\
\begin{array}{|c|} \hline \Gamma_{(1,1);(0)} \\ \hline \Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(2)} \oplus \Gamma_{(2,2);(1,1)} \\ \hline \Gamma_{(2,1,1,1);(2,1)} \oplus \Gamma_{(2,2,1);(2,1)} \\ \hline \Gamma_{(2,2,1,1);(2,2)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)} \\ \hline 2\Gamma_{(1,1,1);(1)} \oplus 2\Gamma_{(2,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1);(2)} \oplus 2\Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(2)} \oplus \Gamma_{(2,2);(1,1)} \oplus \Gamma_{(2,2,1);(1,1)} \\ \hline \Gamma_{(2,1,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1,1);(2,1)} \oplus \Gamma_{(2,2,1);(1,1,1)} \oplus \Gamma_{(2,2,1);(2,1)} \\ \hline \Gamma_{(2,2,1,1);(2,1,1)} \\ \hline \end{array} \\
\\
\begin{array}{|c|} \hline \Gamma_{(1,1);(0)} \\ \hline \Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,2);(1,1)} \\ \hline \Gamma_{(2,1,1,1);(1,1,1)} \oplus \Gamma_{(2,2,1);(1,1,1)} \\ \hline \Gamma_{(2,2,1,1);(1,1,1,1)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1,1);(3)} \oplus \Gamma_{(2,1,1,1);(3)} \\ \hline \Gamma_{(2,1,1,1,1);(4)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \oplus 2\Gamma_{(1,1,1,1);(2)} \oplus \Gamma_{(2,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1,1);(2,1)} \oplus \Gamma_{(1,1,1,1,1);(3)} \oplus \Gamma_{(2,1,1,1);(2,1)} \oplus \Gamma_{(2,1,1,1);(3,1)} \\ \hline \Gamma_{(2,1,1,1,1);(3,1)} \\ \hline \end{array} \\
\\
\begin{array}{|c|} \hline \Gamma_{(1,1,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1);(2)} \oplus \Gamma_{(2,1,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1,1);(2,1)} \oplus \Gamma_{(2,1,1,1);(2,1)} \\ \hline \Gamma_{(2,1,1,1,1);(2,2)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1);(0)} \\ \hline 2\Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)} \\ \hline 2\Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1);(2)} \oplus \Gamma_{(2,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1,1,1);(2,1)} \oplus \Gamma_{(2,1,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1,1);(2,1)} \\ \hline \Gamma_{(2,1,1,1,1);(2,1,1)} \\ \hline \end{array} \\
\\
\begin{array}{|c|} \hline \Gamma_{(1,1);(0)} \oplus \Gamma_{(2);(0)} \\ \hline \Gamma_{(1,1,1);(1)} \oplus \Gamma_{(2,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(2,1,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1,1);(1,1,1)} \oplus \Gamma_{(2,1,1,1);(1,1,1)} \\ \hline \Gamma_{(2,1,1,1,1);(1,1,1,1)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1,1,1,1);(3)} \\ \hline \Gamma_{(1,1,1,1,1,1);(4)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1,1);(2,1)} \oplus \Gamma_{(1,1,1,1,1);(3)} \\ \hline \Gamma_{(1,1,1,1,1,1);(3,1)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1,1,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1,1);(2,1)} \\ \hline \Gamma_{(1,1,1,1,1,1);(2,2)} \\ \hline \end{array} \\
\\
\begin{array}{|c|} \hline \Gamma_{(1,1,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \oplus \Gamma_{(1,1,1,1);(2)} \\ \hline \Gamma_{(1,1,1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1,1,1);(2,1)} \\ \hline \Gamma_{(1,1,1,1,1,1);(2,1,1)} \\ \hline \end{array}, \begin{array}{|c|} \hline \Gamma_{(1,1);(0)} \\ \hline \Gamma_{(1,1,1);(1)} \\ \hline \Gamma_{(1,1,1,1);(1,1)} \\ \hline \Gamma_{(1,1,1,1,1);(1,1,1)} \\ \hline \Gamma_{(1,1,1,1,1,1);(1,1,1,1)} \\ \hline \end{array}
\end{array}$$

$V^{\otimes(5,5)}$

$\Gamma_{(0);(0)}$	$\Gamma_{(1);(1)}$ $\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$ $\Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$ $\Gamma_{(4);(3,1)} \oplus \Gamma_{(4);(4)}$ $\Gamma_{(5);(4,1)}$	$\Gamma_{(2);(2)}$ $\Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$ $\Gamma_{(4);(2,2)} \oplus \Gamma_{(4);(3,1)}$ $\Gamma_{(5);(3,2)}$	$\Gamma_{(2);(1,1)}$ $\Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}$ $\Gamma_{(4);(2,1,1)} \oplus \Gamma_{(4);(3,1)}$ $\Gamma_{(5);(3,1,1)}$
$\Gamma_{(1);(1)}$			
$\Gamma_{(2);(2)}$			
$\Gamma_{(3);(3)}$			
$\Gamma_{(4);(4)}$			

$\Gamma_{(3);(2,1)}$ $\Gamma_{(4);(2,1,1)} \oplus \Gamma_{(4);(2,2)}$ $\Gamma_{(5);(2,2,1)}$	$\Gamma_{(3);(1,1,1)}$ $\Gamma_{(4);(1,1,1,1)} \oplus \Gamma_{(4);(2,1,1)}$ $\Gamma_{(5);(2,1,1,1)}$	$\Gamma_{(4);(1,1,1,1)}$ $\Gamma_{(5);(1,1,1,1,1)}$	$\Gamma_{(1);(1)}$
			$\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(2)}$
			$\Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(3)}$
			$\Gamma_{(3,1);(4)} \oplus \Gamma_{(4);(4)}$
			$\Gamma_{(4,1);(5)}$

$\Gamma_{(0);(0)}$ $2\Gamma_{(1);(1)}$ $\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus 2\Gamma_{(2);(2)}$ $\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(2,1)} \oplus 2\Gamma_{(3);(3)}$ $\Gamma_{(3,1);(3,1)} \oplus \Gamma_{(3,1);(4)} \oplus \Gamma_{(4);(3,1)} \oplus \Gamma_{(4);(4)}$ $\Gamma_{(4,1);(4,1)}$	$\Gamma_{(1);(1)}$ $\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus 2\Gamma_{(2);(2)}$ $\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)} \oplus 2\Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$ $\Gamma_{(3,1);(2,2)} \oplus \Gamma_{(3,1);(3,1)} \oplus \Gamma_{(4);(2,2)} \oplus \Gamma_{(4);(3,1)}$ $\Gamma_{(4,1);(3,2)}$	

$\Gamma_{(1);(1)}$ $\Gamma_{(1,1);(1,1)} \oplus 2\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$ $\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(1,1,1)} \oplus 2\Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$ $\Gamma_{(3,1);(2,1,1)} \oplus \Gamma_{(3,1);(3,1)} \oplus \Gamma_{(4);(2,1,1)} \oplus \Gamma_{(4);(3,1)}$ $\Gamma_{(4,1);(3,1,1)}$	$\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$ $\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(1,1,1)} \oplus 2\Gamma_{(3);(2,1)}$ $\Gamma_{(3,1);(2,1,1)} \oplus \Gamma_{(3,1);(2,2)} \oplus \Gamma_{(4);(2,1,1)} \oplus \Gamma_{(4);(2,2)}$ $\Gamma_{(4,1);(2,2,1)}$	

$\Gamma_{(2);(1,1)}$ $\Gamma_{(2,1);(1,1,1)} \oplus 2\Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}$ $\Gamma_{(3,1);(1,1,1,1)} \oplus \Gamma_{(3,1);(2,1,1)} \oplus \Gamma_{(4);(1,1,1,1)} \oplus \Gamma_{(4);(2,1,1)}$ $\Gamma_{(4,1);(2,1,1,1)}$	$\Gamma_{(3);(1,1,1)}$
	$\Gamma_{(3,1);(1,1,1,1)} \oplus \Gamma_{(4);(1,1,1,1)}$
	$\Gamma_{(4,1);(1,1,1,1,1)}$

$\Gamma_{(2);(2)}$ $\Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(3)}$ $\Gamma_{(2,2);(4)} \oplus \Gamma_{(3,1);(4)}$ $\Gamma_{(3,2);(5)}$	$\Gamma_{(1);(1)}$
	$\Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus 2\Gamma_{(2);(2)}$
	$\Gamma_{(2,1);(2,1)} \oplus 2\Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$
	$\Gamma_{(2,2);(3,1)} \oplus \Gamma_{(2,2);(4)} \oplus \Gamma_{(3,1);(3,1)} \oplus \Gamma_{(3,1);(4)}$
	$\Gamma_{(3,2);(4,1)}$

$\Gamma_{(0);(0)}$ $2\Gamma_{(1);(1)}$ $\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus 2\Gamma_{(2);(2)}$ $2\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(2,1)} \oplus \Gamma_{(3);(3)}$ $\Gamma_{(2,2);(2,2)} \oplus \Gamma_{(2,2);(3,1)} \oplus \Gamma_{(3,1);(2,2)} \oplus \Gamma_{(3,1);(3,1)}$ $\Gamma_{(3,2);(3,2)}$	$\Gamma_{(1);(1)}$ $\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus 2\Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$ $\Gamma_{(2,1);(1,1,1)} \oplus 2\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(2,1);(3)} \oplus \Gamma_{(3);(1,1,1)} \oplus \Gamma_{(3);(2,1)}$ $\Gamma_{(2,2);(2,1,1)} \oplus \Gamma_{(2,2);(3,1)} \oplus \Gamma_{(3,1);(2,1,1)} \oplus \Gamma_{(3,1);(3,1)}$ $\Gamma_{(3,2);(3,1,1)}$	

$\Gamma_{(1);(1)}$ $\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$ $\Gamma_{(2,1);(1,1,1)} \oplus 2\Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(2,1)}$ $\Gamma_{(2,2);(2,1,1)} \oplus \Gamma_{(2,2);(2,2)} \oplus \Gamma_{(3,1);(2,1,1)} \oplus \Gamma_{(3,1);(2,2)}$ $\Gamma_{(3,2);(2,2,1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(2);(1,1)}$ $2\Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)} \oplus \Gamma_{(3);(1,1,1)}$ $\Gamma_{(2,2);(1,1,1,1)} \oplus \Gamma_{(2,2);(2,1,1)} \oplus \Gamma_{(3,1);(1,1,1,1)} \oplus \Gamma_{(3,1);(2,1,1)}$ $\Gamma_{(3,2);(2,1,1,1)}$	





...	$\Gamma_{(1);(1)}$	$\Gamma_{(0);(0)}$
	$2\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)}$	$2\Gamma_{(1);(1)}$
	$\Gamma_{(1,1,1);(1,1,1)} \oplus 2\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)}$	$2\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)} \oplus \Gamma_{(2);(1,1)} \oplus \Gamma_{(2);(2)}$
	$\Gamma_{(1,1,1,1);(2,1,1)} \oplus \Gamma_{(1,1,1,1);(2,2)} \oplus \Gamma_{(2,1,1);(2,1,1)} \oplus \Gamma_{(2,1,1);(2,2)}$	$2\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(2,1);(1,1,1)} \oplus \Gamma_{(2,1);(2,1)}$
	$\Gamma_{(2,1,1,1);(2,2,1)}$	$\Gamma_{(1,1,1,1);(1,1,1,1)} \oplus \Gamma_{(1,1,1,1);(2,1,1)} \oplus \Gamma_{(2,1,1);(1,1,1,1)} \oplus \Gamma_{(2,1,1);(2,1,1)}$

$\Gamma_{(1);(1)}$		$\Gamma_{(1,1,1);(3)}$	$\Gamma_{(1,1,1);(2,1)}$
$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(2);(1,1)}$	$\Gamma_{(1,1,1,1);(4)}$	$\Gamma_{(1,1,1,1);(3,1)} \oplus \Gamma_{(1,1,1,1);(4)}$	$\Gamma_{(1,1,1,1);(2,2)} \oplus \Gamma_{(1,1,1,1);(3,1)}$
$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(2,1);(1,1,1)}$	$\Gamma_{(1,1,1,1,1);(5)}$	$\Gamma_{(1,1,1,1,1);(4,1)}$	$\Gamma_{(1,1,1,1,1);(3,2)}$
$\Gamma_{(1,1,1,1);(1,1,1,1)} \oplus \Gamma_{(2,1,1);(1,1,1,1)}$			

$\Gamma_{(1,1);(2)}$	$\Gamma_{(1,1);(1,1)}$	$\Gamma_{(1);(1)}$
$\Gamma_{(1,1,1);(2,1)} \oplus \Gamma_{(1,1,1);(3)}$	$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)}$	$\Gamma_{(1,1);(1,1)} \oplus \Gamma_{(1,1);(2)}$
$\Gamma_{(1,1,1,1);(2,1,1)} \oplus \Gamma_{(1,1,1,1);(3,1)}$	$\Gamma_{(1,1,1,1);(2,1,1)} \oplus \Gamma_{(1,1,1,1);(2,2)}$	$\Gamma_{(1,1,1);(1,1,1)} \oplus \Gamma_{(1,1,1);(2,1)}$
$\Gamma_{(1,1,1,1,1);(3,1,1)}$	$\Gamma_{(1,1,1,1,1);(2,2,1)}$	$\Gamma_{(1,1,1,1,1);(1,1,1,1)} \oplus \Gamma_{(1,1,1,1,1);(2,1,1)}$
		$\Gamma_{(1,1,1,1,1);(2,1,1,1)}$

$\Gamma_{(0);(0)}$
$\Gamma_{(1);(1)}$
$\Gamma_{(1,1);(1,1)}$
$\Gamma_{(1,1,1);(1,1,1)}$
$\Gamma_{(1,1,1,1);(1,1,1,1)}$