

caso simétrico

	p	q	degeneracy	is-symm
$g_1 \rightarrow$	0	0	1	S
$g_8 \rightarrow$	1	1	2	S
$g_{8'} \rightarrow$	1	1	1	S
$g_{27} \rightarrow$	2	2	1	S

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$g_{27} \rightarrow$	2	2	1	S

Matriz

Gm

	LS	(0,0)	(1,1)(2)	(1,1)(1)	(2,2)
$\left. \begin{array}{l} 1, \frac{1}{2}, -\frac{1}{2} \end{array} \right\}$	$-\frac{\sqrt{5}}{10}$	0	$\frac{1}{20}$	$\sqrt{\frac{1}{80}}$	$\frac{9}{20}$
	$\frac{\sqrt{30}}{10}$	0	$-\sqrt{\frac{1}{10}}$	$-\sqrt{\frac{3}{40}}$	$\sqrt{\frac{3}{20}}$
	$-\frac{\sqrt{15}}{10}$	0	.	.	.
	$-\frac{\sqrt{5}}{10}$	0	.	.	.
	$-\frac{\sqrt{15}}{10}$	0	.	.	.
	$\frac{\sqrt{30}}{10}$	0	.	.	.
\vdots	\vdots	0	\times	\times	\times
		0	\times	\times	\times
		0	\times	\times	\times

$7, \frac{1}{2}, -\frac{1}{2}$