PREHOMOGENEOUS SPACES ASSOCIATED WITH NILPOTENT ORBITS IN TYPE \textit{FII}

STEVEN GLENN JACKSON AND ALFRED G. NOËL

<table>
<thead>
<tr>
<th>Orbits</th>
<th>$K_e$ Diagram</th>
<th>$i$</th>
<th>$\dim g_e^i \cap p_e$</th>
<th>Highest weights of $g_e^i \cap p_e$</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$\begin{array}{c} \circ \rightarrow \circ \rightarrow \circ \ 0 \quad 0 \quad 0 \quad 1 \end{array}$</td>
<td>1</td>
<td>4</td>
<td>$(0, 0, 1, -1)$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2</td>
<td>1</td>
<td>$(0, 0, 0, 1)$</td>
</tr>
<tr>
<td>2</td>
<td>$\begin{array}{c} \circ \rightarrow \circ \rightarrow \circ \ 4 \quad 0 \quad 0 \quad 0 \end{array}$</td>
<td>2</td>
<td>8</td>
<td>$(0, 0, 0, 1)$</td>
</tr>
</tbody>
</table>

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