ERRATUM: A NORMAL FORM FOR ADMISSIBLE CHARACTERS IN THE SENSE OF LYNCH

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In the article [B] the author describes normal forms of Richardson elements for the simple Lie algebras. Section 6 presents Richardson elements for the exceptional Lie algebras (in the case where the support of the Richardson element forms a simple system). There have been mistakes in these lists. Here we present the correct Richardson elements:

\[ p \subset f_4 \quad \text{Support of } X_0 \]
\[(1, 0, 0, 0) \quad \alpha_{1232} \rightarrow \alpha_{123442} \]

\[ p \subset e_6 \quad \text{Support of } X_0 \]
\[(1, 1, 0, 0, 0, 0) \quad \alpha_{2345} \rightarrow \alpha_{134} \rightarrow \alpha_{2456} \]

\[ p \subset e_7 \quad \text{Support of } X_0 \]
\[(1, 0, 0, 0, 0, 0, 1) \quad \alpha_{123456} \rightarrow \alpha_{34567} \rightarrow \alpha_{123425} \rightarrow \alpha_{24567} \]
\[(0, 1, 0, 0, 0, 0, 0) \quad \alpha_{2342526} \rightarrow \alpha_{1234567} \rightarrow \alpha_{1234256} \rightarrow \alpha_{2342567} \rightarrow \alpha_{1234245} \]

\[ p \subset e_8 \quad \text{Support of } X_0 \]
\[(1, 0, 0, 0, 0, 0, 1) \quad \alpha_{23425262728} \rightarrow \alpha_1 \rightarrow \alpha_{1234345367} \rightarrow \alpha_8 \]
\[(0, 0, 1, 0, 0, 0, 1) \quad \text{there is no Richardson element with simple support} \]

REFERENCES


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