\[ i^j_k \rightarrow c_i c_k a_{jk} - c_j c_k a_{ik} = c_i c_j a_{jk} + c_j c_i a_{jk} \]

Does \( \sum_{i<j} (c_i a_{ij} + c_j a_{ji}) \) commute with the image of \( \Lambda \)?

\([A, B] = 0 \Rightarrow A e^B = e^B A \]
\([A, B] = 0 \Rightarrow A e^{-B} = e^{-B} A \]
\( e^A e^B = e^B e^A \)