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and **T.Y. Tam**. *Convergence of Aluthge Iteration in Semisimple Lie Groups*. Preliminary report.

A recent result of Antezana et al. asserts that the iterated Aluthge sequence converges in the context of matrix groups. We extend the result to the convergence of the sequence in noncompact semisimple Lie groups. We also study the convergence of sequences closely related to the iterated Aluthge sequence. (Received September 13, 2011)