1070-53-117   **Rachelle C DeCoste** (`decosterachelle@wheatoncollege.edu`), Department of Mathematics
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Massachusetts Boston, Boston, MA. *Characterizations of Heisenberg-like Lie algebras.*

Heisenberg-like Lie algebras were introduced by Gornet-Mast (2000) and are a generalization of Heisenberg type Lie algebras. We generalize results on Heisenberg type Lie algebras to obtain multiple characterizations of the Heisenberg-like property. In addition, infinite families of examples of Lie algebras which are Heisenberg-like, but not Heisenberg type, will be presented. (Received February 04, 2011)