Title: The classification of nilpotent Lie algebras L when $\dim \mathcal{M}(L) = \dim L^2 = n-2$

Author(s): Afsaneh Shamsaki and Peyman Niroomand

In this paper, we classify the structure of all n-dimensional nilpotent Lie algebras L when $\dim \mathcal{M}(L) = \dim L^2 = n - 2$. Moreover, we show that all of them are stem and capable.

Address:
Afsaneh Shamsaki
School of Mathematics
and Computer Science
Damghan University
Damghan
Iran

Address:
Peyman Niroomand
School of Mathematics
and Computer Science
Damghan University
Damghan
Iran