

1145-47-186

Ajda Fosner and **Wu Jing*** (wjing@uncfsu.edu), Department of Mathematics & Computer Science, Fayetteville State University, Fayetteville, NC 28301. *Lie centralizers on triangular rings and nest algebras.*

We introduce the definition of Lie centralizers and investigate the additivity of Lie centralizers on triangular rings. We also present characterizations of both centralizers and Lie centralizers on triangular rings and nest algebras. (Received August 16, 2018)