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Prakash Ghimire*, Mathematics/ Statistics Dept, Auburn University, 218 Parker Hall, auburn, AL 36849, and **Huajun Huang**. *Lie derivations and Lie triple derivations of dominant upper triangular ladder matrices.*

We explicitly describe Lie derivations and Lie triple derivations of the Lie algebra $M_L(F)$ associate with a dominant upper triangular ladder L over a field F with characteristics not equal to two. We also explicitly describe the derivation algebra of $[M_L(F), M_L(F)]$ when L is a strongly dominant upper triangular ladder and a field F is of characteristics not equal to 2, 3. Some properties of these Lie algebras are discovered. (Received September 06, 2015)