1. Research Monographs


2. Textbooks


3. Papers published


(70) $p$-jets of finite algebras, I: $p$-divisible groups, Documenta Math. 18 (2013) 943–969.
(76) Arithmetic analogues of some basic concepts from Riemannian geometry, Revue Roumaine de Mathématiques Pures et Appliquées, Vol. LX, 3, (2015), 257-266. (Special number dedicated to L. Badescu’s 70th birthday).
5. PUBLICATIONS


4. PAPERS SUBMITTED FOR PUBLICATION

[92] (with L.E.Miller), A. Buium, L.E.Miller, Arithmetic differential geometry in the arithmetic PDE setting, I: connections, 40 pages, submitted in 2021 to Algebraic Geometry and Physics, volume dedicated to the memory of Yu.I Manin.

5. PREPRINTS

[94] (with L.E.Miller), Arithmetic differential geometry in the arithmetic PDE setting, research monograph in preparation, 243 pages.

6. OTHER PUBLICATIONS

[95] Serge Lang’s early work on Diophantine and algebraic geometry, Notices of the AMS 54, 4 (2007), 479-484.