1135-16-2375   **David C. Meyer**, **Roberto C. Soto*** (`rcsoto@fullerton.edu`) and **Daniel J. Wackwitz**.
Versal Deformation Rings and Symmetric Special Biserial Algebras.

Let k be an algebraically closed field and let Λ be a symmetric special biserial algebra over k. We apply methods from representation theory to study versal deformation rings of Λ-modules, which are complete local commutative Noetherian k-algebras with residue field k which can be expressed as a quotient ring of power series algebras over k in finitely many commuting variables. (Received September 26, 2017)