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**Dan D. Anderson\*** (dan-anderson@uiowa.edu), Department of Mathematics, The University of Iowa, Iowa City, IA 52242, and **Malik Bataineh**, Department of Mathematics and Statistics, Jordan University of Science and Technology, Irbid, 22110, Jordan. *Idealization and Polynomials.*

Let  $R$  be a commutative ring and  $M$  an  $R$ -module. Let  $R(+)$  $M$  be the idealization or trivial extension of  $R$  and  $M$ . We investigate the relationship between polynomial identities satisfied by  $R$  and by  $R(+)$  $M$ . (Received August 06, 2012)