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M Zuhair Nashed* (zuhair.nashed@ucf.edu). *Moment Discretization of Ill-Posed Problems.*

Moment problems arise in several areas of the geosciences. We consider such problems in the framework of ill-posed inverse problems and discuss some aspects of their regularization in the presence of strong noise and weakly bounded noise, based on joint work with Paul Eggermont. (Received September 17, 2013)