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Moment maps of toric manifolds as Lie algebroid submersions

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The moment map of a toric manifold fails to be a submersion in a very controlled way. Therefore, it is possible to describe it as a submersion between two Lie algebroids. Using this observation it is possible to extend the theory of symplectic fibrations to Lie algebroids, which is then used to construct examples of singular symplectic structures. This is a joint work with Gil Cavalcanti and Ralph Klaasse.