1000-53-30   **Oana Drăgulete** and **Liviu Ornea*** (`lornea@gta.math.unibuc.ro`), University of Bucharest, Faculty of Mathematics, 14, Academiei str., Bucharest, Romania. *Non-zero contact and Sasakian reduction.*

We complete the reduction of Sasakian manifolds with the non-zero case by showing that Willett's contact reduction is compatible with the Sasakian structure. We then prove the compatibility of the non-zero Sasakian (in particular, contact) reduction with the reduction of the Kähler (in particular, symplectic) cone. We provide examples obtained by toric actions on Sasakian spheres and make some comments concerning the curvature of the quotients. (Received July 26, 2004)