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Andres Contreras*, New Mexico State University, Department of Mathematical Sciences, 1290
Frenger Mall, Las Cruces, NM 88003. *Uniaxiality vs Biaxiality in the Q-tensor model.*

In joint work with Xavier Lamy we show that in the low temperature limit, nematics always take advantage of the extra degrees of freedom and avoid isotropic melting thus proving rigorously biaxial escape takes place (Received September 19, 2016)