Abstract Submitted for the MAR14 Meeting of The American Physical Society

Liquid crystals confined inside toroids KARTHIK NAYANI, JAY-ALAKSHMI VALLAMKONDU, ERIC DANCU, JUNG OK PARK, MOHAN SRINIVASARAO, ALBERTO FERNANDEZ-NIEVES, Georgia Institute of Technology — We generate stable toroidal droplets of liquid crystals stabilized inside a yield stress material. In this talk we discuss aspects of both nematic and cholesteric tori: from double twist to low pitch organization.

> Karthik Nayani Georgia Institute of Technology

Date submitted: 15 Nov 2013

Electronic form version 1.4