

EPSRC Sponsored Publications of the applicants (Profs Cooper, Littlewood, Needs, Payne, Simons, Terentjev and Warner)

- J. M. Acton, M. Parish, and B. D. Simons “Fermion-mediated BCS-BEC crossover in ultracold 40K gases: mean-field theory and collective modes”, *Phys. Rev. A* **71**, 063606 (2005).
- S.V. Ahir and E.M. Terentjev “Polymer dispersed carbon nanotubes: Active composite materials, in: “Polymeric Nanostructures and their Applications”, ed. H.S. Nalwa, vol. 2, Amer. Sci. Publ., p.154 (2007).
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- S.V. Ahir, A.R. Tajbakhsh, E.M. Terentjev “Self-assembled shape-memory fibers of triblock liquid-crystal polymers” *Adv. Func. Mater.* **16**, 556-560 (2006).
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