## Abstract Submitted for the MAR05 Meeting of The American Physical Society

Phase Behavior of Polyelectrolyte Solutions CHI-LUN LEE, University of Massachusetts, Amherst, M. MUTHUKUMAR, University of Massachusetts, Amherst — The coexistence and spinodal curves for macrophase separation in salty solutions of flexible polyelectrolytes will be presented in terms of the valency of salt ions, and the molar mass of the polyelectrolyte.

 ${\bf M.~Muthukumar} \\ {\bf University~of~Massachusetts,~Amherst}$ 

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