

Abstract Submitted  
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**Complexation of two oppositely charged polyelectrolytes**  
HAMIDREZA SHOJAEI, MURUGAPPAN MUTHUKUMAR, University of Massachusetts Amherst — Existence of both polycation and polyanion in a solution will lead to complexation. We investigate both dynamics and the steady state solution for complexation of two oppositely charged polyelectrolytes in a salty solution. By use of Smoluchowski equation, both dynamic and steady-state properties of a complexation event occurring were studied.

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