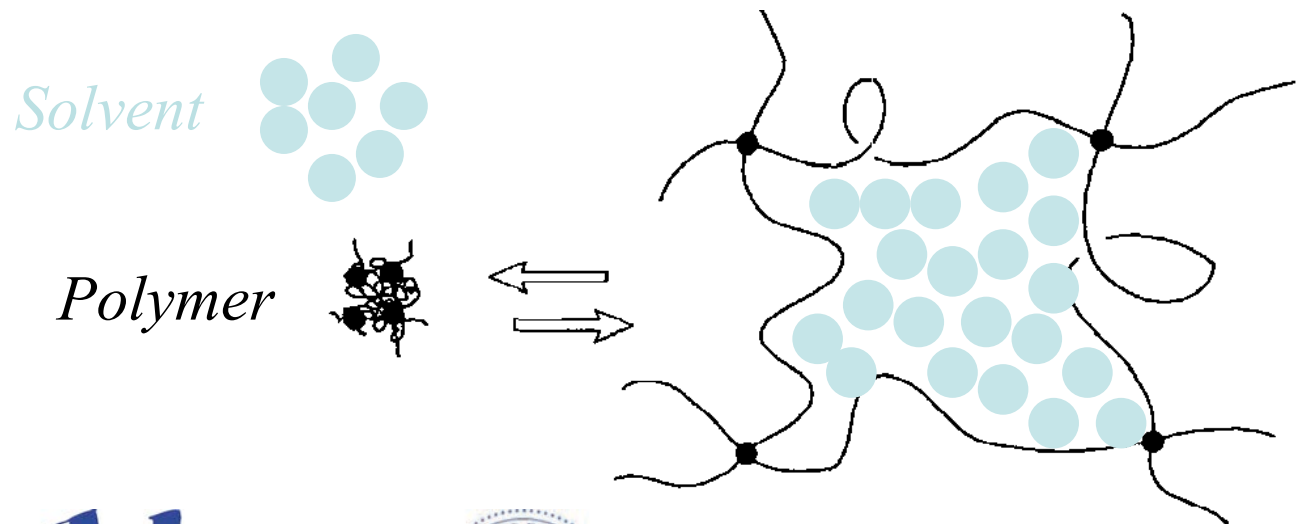


# Diffusion-Mechanical Instability of a Spherical Gel

Jorge Peixinho<sup>1</sup> and Shomeek Mukhopadhyay<sup>2</sup>

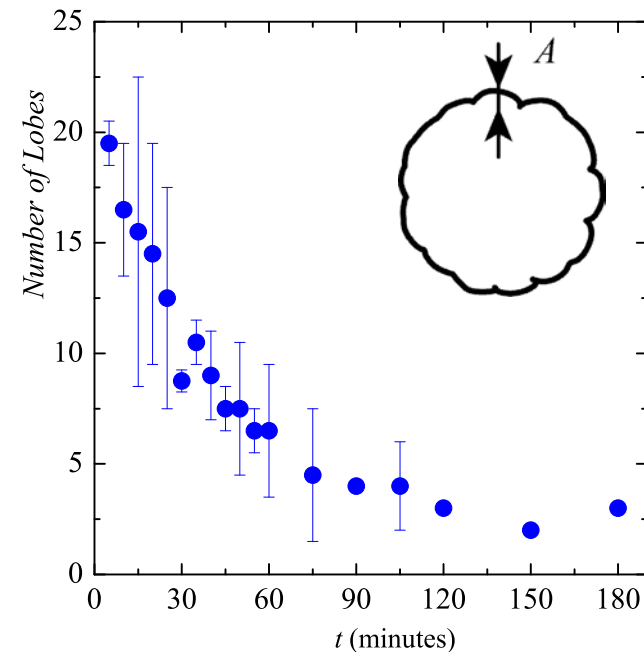
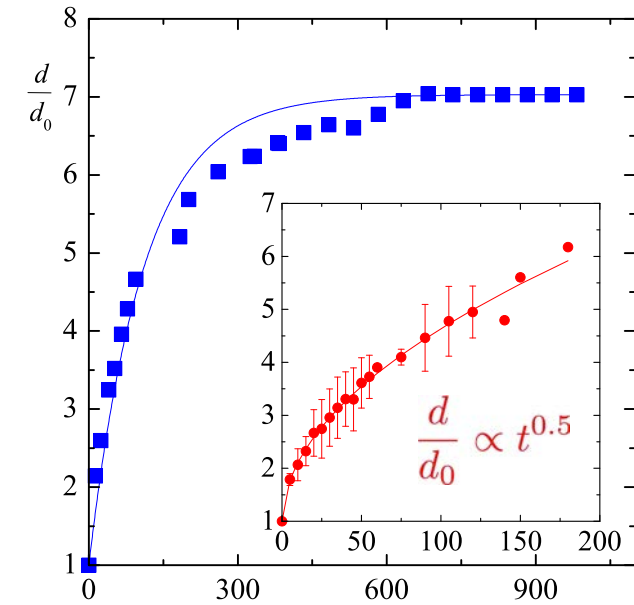
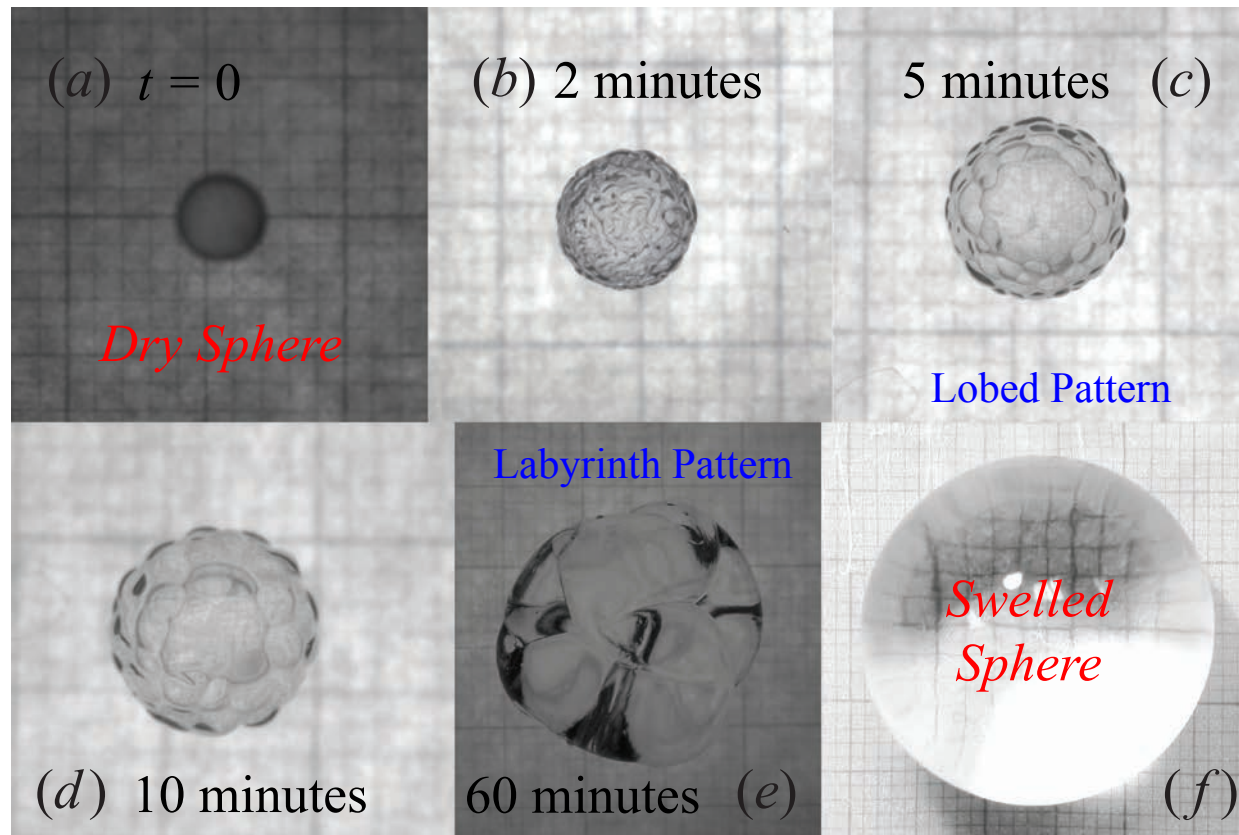
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<sup>2</sup>Department of Physics, University of California, Riverside, USA



Paris, le 25 mars 2013

# Diffusion-Mechanical Instability



Several patterns corresponding to different stages during the growth of the spherical gel  
 Wrinkles and lobed Pattern  
 Labyrinth Pattern