

Abstract Submitted  
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**Excitation of electromagnetic modes in spheres<sup>1</sup>** RAUL GARCÍA-LLAMAS, Universidad de Sonora, LUIS RAMIREZ-RODRIGUEZ, Posgrado en Física, Universidad de Sonora — A study of the excitation of whispering gallery modes (WGM) in non-dispersive dielectric micro sphere is presented. The Near-Field intensity behavior of the nano-jets, sub-wavelength volume regions, is presented as a function of the radii of the sphere in resonant and off-resonant conditions. A similar study is presented for nano metallic sphere.

<sup>1</sup>CONACYT

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