

COBALT ELECTRODEPOSITION ONTO HIGHLY ORIENTED PYROLYTIC GRAPHITE (HOPG) ELECTRODE FROM AMMONIUM SULFATE SOLUTIONS

Luis Humberto Mendoza-Huizar* y **Clara Hilda Ríos-Reyes**

Centro de Investigaciones Químicas, Mineral de la Reforma, Universidad Autónoma del Estado de Hidalgo, CP 42186, Hidalgo, México
Margarita Rivera

Departamento Materia Condensada, Instituto de Física, Universidad Nacional Autónoma de México, Ciudad Universitaria, CP 04510, México D.F., México

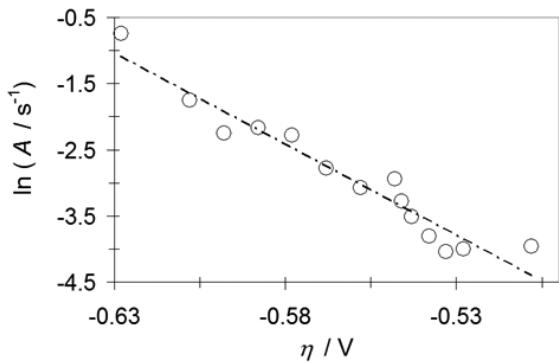


Figure 1S. $\ln A$ vs η plot, used to calculate the critical cluster's size according to Equation 13. The broken straight line corresponds to the linear fit of the experimental data

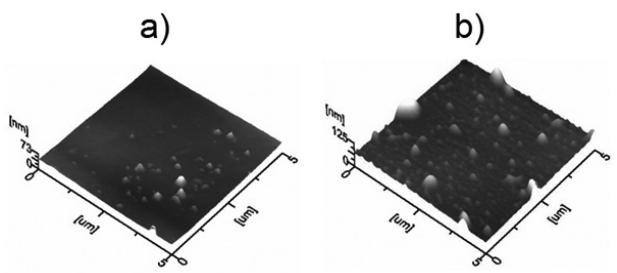


Figure 2S. AFM image of the deposits obtained at a) -650 and b) -900 mV onto HOPG from an aqueous solution 10^{-2} M of $\text{CoSO}_4 + 1\text{M} (\text{NH}_4)_2\text{SO}_4$ ($\text{pH } 4.5$)