



Faculty of Women for  
Arts, Science and Education  
Cairo, Egypt.

# **PREPARATION AND CHARACTERIZATION OF SOME METAL OXIDE NANOCATALYSTS FOR REMOVAL OF HEAVY METALS FROM AQUEOUS SOLUTION**

**A Thesis Presented**

**To**

**Faculty of Women for Arts, Science and Education  
Ain Shams University**

**By**

**Amira Maher Mahmoud Ali**

**For**

**Submitted for the Degree of Master of Science  
(Physical Chemistry)**

**2015**

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**Submitted for Partial Fulfillment of the Requirement for the  
Degree of Master of Science  
(Physical Chemistry)**

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**M.Sc. Graduation Year: 2015**

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