



بسم الله الرحمن الرحيم

# **SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**Collage of Graduate Studies and Scientific  
Research**

**Effect of Medium Viscosity on Some Quantum  
Systems**

تأثير لزوجة الوسط علي بعض الانظمة الكميّه

**A thesis submitted in fulfillment for the  
requirement for the philosophy degree in physics**

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