



**Sudan University of Science and Technology**

**College of Graduate Studies**

# **Performance of Orthogonal Time – Space Coding Over Rayleigh Fading Channels**

**قياس أداء شفرة الزمن – المسافة المتعامدة في حالة قنوات  
الإتصال الموهنة والضبابية**

**A Thesis submitted As Partial Fulfillment of Requirement for  
M.Sc. Degree in Electronic Engineering (Telecommunication  
Engineering)**

**Represented By:**

Soragga Mohamed Ibrahim Ali

**Supervised By:**

Assoc. Prof. Dr. Rashid A. Saeed

**October 2014**