

**Sudan University of Science and Technology  
College of Graduate Studies**

**Application of Exterior Differential Systems  
to Nonlinear Evolution Equations**

**تطبيق النظم التفاضلية الخارجية لمعادلات التطور غير الخطية**

**A Thesis Submitted in Fulfillment Requirements for the  
Degree of Doctor of philosophy in Mathematics**

**By**

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**june, 2016**