



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



**The Sine-Cosine Functions Method for solving nonlinear  
partial differential equations**

**طرق دوال الجيب - جيب التمام لحل المعادلات  
التفاضلية الجزئية الغير خطية**

**A Thesis Submitted in partial Fulfillment for the Degree  
Of M.Sc in Mathematics**

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