



**Sudan University Of Science
And Technology**

**Homotopy Perturbation Method (HPM)
and the modified (HPM) for linear and
nonlinear operators**

طريقة الاضطراب الهموتوبي وطريقة الاضطراب الهموتوبي المعدلة
للمؤثرات الخطية وغير الخطية

**Athesis Submitted in Partial Fulfillment for the
Degree of M.Sc. in Mathematics**

**By:
Mohamed Sideeg Mohamed
Algolam**

**Supervised by:
Dr: Mohamed Hassan Mohamed
Khabir**

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