

الجامعة السودانية للعلوم والتكنولوجيا



**Sudan University of Science & Technology**

**College of Graduate Studies & Scientific Research**

المعتمد من قبل المجلس الأعلى للتعليم والبحث العلمي  
الجامعة السودانية للعلوم والتكنولوجيا

الدراسة للدرجة  
ماجستير في الإحصاء التطبيقية

**Countries Grouping Based on Socioeconomic  
Indicators by Using Cluster Analysis**

**A thesis Submitted for Partial Fulfillment of the Requirements for the  
Degree of**

**M.Sc in Applied Statistics**

**By:**

Abu baker Basher Ahmed Younis

**Supervised by:**

Dr. Mustafa Mohammed Mohammed

**Aug 2011**

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