



Sudan University of Science & Technology
College of Graduate Studies

**Peaceful Uses of Nuclear
Power & the Stability
Condition of Nuclei**
**الإستخدامات السلمية للطاقة النووية
وشروط استقرار الأنوية**

**A thesis Submitted in Partial Fulfillment
for the Requirement of Master Degree in
Nuclear Physics**

By:

Shajan Osman Mohammed

Supervisor:

Dr. Ahmed Elhassan Elfaki

Dec 2013