

Sudan University of Science & Technology

College of Graduate Studies

**Integral Inequalities and Positive Multilinear
Operators and their Effect on Weight Functions and
Compactness of Localization Operators on L^p -
Spaces.**

متباينات التكامل و المؤثرات متعددة الخطية
الموجبة فى دوال الترجيح وتراص المؤثرات
الموضعية على فضاءات - L^p

**A Thesis submitted in Fulfillment of the Requirements for
the Degree of Ph.D. in Mathematics**

By

Elkheir Imery Omer Humud

Supervisor

Dr. Shawgy Hussein Abd Alla

February 2011

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