

**PSudan university of Science and
Technology**

College of graduate Studies



**Robust Detection of Outlines in Univariate Data
with Skewed Distribution**

**الاكتشاف الحصين للقيم الشاذة في البيانات ذات البعد الواحد
الملتوية التوزيع**

Thesis Submitted in Fulfillment of the Requirements for the
Degree of Doctor of Philosophy in statistics

By:

Khalid Saad Sultan Al-Shameri

Supervisor:

Prof. Zain El-Abdin A. El-Beshir

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