



Sudan University of Science and Technology
College of Graduate Studies

**Improvement of Electrical Characteristics of
Silicon Diode by Using Q-Switched Nd: YAG and
CO₂Lasers**

**تحسين الخواص الكهربائية لثنائي السيليكون باستخدام ليزرات
النيوديميوم ياق و ثاني اكسيد الكربون**

**Thesis Submitted in Fulfillment of the Requirements for the
Degree of Philosophy in Laser Applications in Electrical
Engineering**

By

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