

**Sudan University of Science and
Technology**



College of Graduate Studies

**Characterization of Polymethyl Methacrylate
and Silicon Photovoltaic Cells after Processing
by Laser Direct Writing Technique**

توصيف البولي ميثايل ميثاكريلات والخلايا الصوتية السليكونية بعد المعالجة
بتقنية الحفر المباشر بالليزر

A Thesis Submitted in Fulfillment for the Requirements
of the Degree of Doctor of Philosophy in Laser
Application in Physics

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