

**Sudan University of Science and Technology**  
**College of Graduated Studies**

**Conductivity Simulation of Gallium Arsenic (GaAs)  
Materials**

محاكاة التوصيلية لمادة جاليوم أرسنيد

**Adam Sulieman Ibrahim**

:(B.Sc. (University of Kordofan, Sudan

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**By**

**Associate Professor: Mohamed Hassan Eisa**

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