



بسم الله الرحمن الرحيم

**Sudan University of Science and Technology**

**College of Post Graduate Studies**



**Short Range Electromagnetic field and Non-Linear  
Pressure and Potential Dependent Lorentz Transformation**

**المجال الكهرومغناطيسي قصير المدى والضغط غير الخطي والجهد المعتمد  
على تحويلات لورنتز**

***Thesis submitted for the degree “Doctor of Philosophy”***

***Submitted by:***

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