



**Sudan University of Science and Technology**

**College of Graduate Studies**

**Performance Evaluation Of Quasi Orthogonal Space -Time Block  
Code With Beamforming Technique**

**تقويم الاداء في كتل شفرة الزمن على الفراغ شبہ المتعامد مع تقنية تكوين الشعاع**

**A Thesis submitted in Partial Fulfillment of the Requirements for  
The Degree of MSc in Electronic Engineering (Telecommunication  
Engineering)**

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