



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 علي الفراغ شبه المتعامد مع تقنية تكوين الشعاع

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