

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

**Performance Evaluation of Relayed Enhanced Long  
Term Evolution Advanced Network Using Decode  
and Forward Protocol**

**تقييم أداء شبكة التطور طويل الأمد المتقدمة المحسنة  
بالمرحل باستخدام برتوكول فك الشفرة والإرسال**

BY  
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وَقُلْ أَعْمَلُوا فَسَيَرَى اللَّهُ  
عَمَلَكُمْ وَرَسُولُهُ وَالْمُؤْمِنُونَ  
وَسَتُرَدُّونَ إِلَى عَالَمِ الْغَيْبِ  
وَالشَّهَادَةِ فَيُبَيِّنُكُمْ بِمَا كُنْتُمْ  
تَعْمَلُونَ

(سُورَةُ التَّوْبَةِ (آيَةٌ 105)

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# CHAPTER

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CHAPTER

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### CHAPTER

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