# الاية

**قال تعالي**

(قُل لَّوْ كَانَ الْبَحْرُ مِدَادًا لِّكَلِمَاتِ رَبِّي لَنَفِدَ الْبَحْرُ قَبْلَ أَن تَنفَدَ كَلِمَاتُ رَبِّي وَلَوْ جِئْنَا بِمِثْلِهِ مَدَدًا)

**الآية (109) من سورة الكهف**

# Dedication

This work was dedicated to:

My parents, my brothers and my sisters, my friends, my teachers, my colleagues

# Acknowledgement

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# Abstract

This research specialized with deriving equations of magnetic flux quantization in superconductor using simple method by using relations of flux density and intensity of current by momentum and orbital moment, where it was found the possibility of magnetic field quantization by using Bragg ‘reflection equation .beside energy expression for particle in box .

# الملخص

هذا البحث يختص باستنباط معادلات تكميم المجال المغنطيسي في التوصيل الفائق بصورة مبسطة باستخدام علاقات كثافة الفيض وشدة التيار بالعزم المداري و كمية التحرك.حيث تبين امكانية تكميم المجال المغنطيسي باستخدام معادلة براغ للانعكاس وكذلك صيغة الطاقة المكممة في صندوق.

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