

الآية

نُورُ السَّمَاوَاتِ وَالْأَرْضِ مِثْلُ نُورِهِ كَمِثْلِ شَوْكَاةٍ فِيهَا مِصْبَاحٌ
بَاحٌ فِي زُجَاجَةٍ الزُّجَاجَةُ كَأَنَّهَا كَوْكَبٌ دُرِّيٌّ يُوقَدُ مِنْ شَجَرَةٍ
رَّكَاءٍ زَيْتُونَةٍ لَا شَرْقِيَّةٍ وَلَا غَرْبِيَّةٍ يَنْثُرُ فِيهَا نُورٌ وَلَوْ لَمْ تَمْسَسْهُ
فَلَا نُورٌ يَهْدِي اللَّهُ لِنُورِهِ مَنْ يَشَاءُ وَيَضْرِبُ اللَّهُ الْأَمْثَالَ
لِلنَّاسِ وَاللَّهُ بِكُلِّ شَيْءٍ عَلِيمٌ)

سورة النور الآية (35)

Dedication

**I dedicated this thesis to my father, my mother , my brothers
and sisters**

To everyone who know me

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I would like to express my gratitude to my supervisor D.Rawia Abdelgani for the useful comments, remarks and engagement through the learning process of this master thesis, supported me throughout entire process, both by keeping me harmonious and helping me putting pieces together Furthermore I would like to thank Mohamed Elagib for introducing me to the topic as well for the support on the way. Also, I like to thank the participants in my survey, who have willingly shared their precious time during the process of interviewing.

Abstract

It has been studied superconducting phenomenon in general , and some high-temperature connectors was studied .

Also copper oxide conductor was prepaid and observed the superconductivity at high temperature approximately equal 28 Celsius (83F, 301K).

ملخص

درست ظاهرة التوصيل الفائق بصفة عامة ، ودرست بعض الموصلات ذات الدرجات الحرجة المرتفعة. كما تم أيضا إعداد موصل أكسيد النحاس ووجد انه يقوم بالتوصيل الفائق عند درجة حرارة مرتفعة تساوي تقريبا 28 درجة مئوية (83 ف، 301 ك).

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