

الآية

ة

اسْبُحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ
قَالَ يَا آدَمُ الْأَنْبِيَاءُ بِأَسْمَائِهِمْ فَلَمَّا أَنْبَأَهُمْ بِأَسْمَائِهِمْ قَالَ
أَلَمْ أَقُلْ لَكُمْ إِنَّي اللَّهُ عَلَّمُ الْغَيْبِ وَالرَّضَىٰ وَأَعْلَمُ مَا
تُبْدُونَ وَمَا كُنْتُمْ تَكْتُمُونَ

صدق الله العظيم

سورة البقرة الآيات (32-33)

Dedication

To my mother

Un Known Soldier in our home

To my father

To science and Knowledge

To my sisters and brothers

To my teachers It is the greatest love that he holds

To all my friends

Acknowledgement

Before of all, theprais and thanks be to Allah whom to be ascribed all perfection and majesty.

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Abstract

In this work the expression for the electromagnetic energy derived from Maxwell's equations is used to find useful energy relation. This expression for displacement current density is together with relation between amplitude and particles density is used to find electromagnetic energy. This energy is found to be typical to plank quantum energy formula. Another derivation is made to find classical oscillator energy from photon plank energy relation.

ملخص البحث

في هذا البحث تم التعبير عن الطاقة الكهرومغناطيسية المشتقة من معادلات ماكسويل المستخدمة لإستنباط علاقة طاقة ذات فائدة. وهو عبارة عن كثافة تيار الازاحة مصحوباً بالعلاقة بين السعة وكثافة الجسيمات لإيجاد الطاقة الكهرومغناطيسية.

ووجدت كنموذج لصيغة طاقة بلانك الكمية. والمشتقة الاخرى لإيجاد طاقة المتذبذب من علاقة طاقة بلانك للفوتون.

Table of contents

chapter	Contents	Page No
	الأية	I
	Dedication	II
	Acknowledgement	III
	Abstract	IV
	ملخص البحث	V
	Table Of Contents	VI
One	(1.1) History Of Quantum Mechanics	1
	(1.2) Research Problem	2

	(1.3) Literature Review	2
	(1.4) Aim Of The Work	2
	(1.5) Presentation Of The Thesis	2
Two	(2.1) Introduction	3
	(2.2) Maxwell's Equations	3
	(2.3) Wave Propagation In Free Space	5
	(2.4) Wave Propagation In A Conductor	7
Three	(3.1) Introduction	9
	(3.2) BlackBody Radiation	9
	(3.3) The Plank Distribution and the Quantum Energy	12
	(3.4) Wave Properties and Electron Diffraction	14
	(3.5) Schrodinger Equation	15
	(3.6) Time _ Independent Schrodinger Equation	17
	(3.7) The Harmonic oscillator	19
	(3.8) Dirac Equation	25
	(3.9) Klein Gordon Equation	27
Four	(4.1) Introduction	31

	(4.2) Photon Energy And Displacement Current	31
	(4.3) Photon Energy And Harmonic Oscillator	33
	(4.4) Discussion	34
	(4.5) Conclusion	34
	References	35