

## الاية

قال تعالى: (وَسَأَلُونَكَ عَنِ الرُّوحِ قُلِ الرُّوحُ مِنْ أَمْرِ رَبِّي وَمَا أُوتِيتُمْ مِنَ الْعِلْمِ إِلَّا قَلِيلًا ﴿٥٠﴾ وَلَئِنْ شِئْنَا لَنَذْهَبَنَّ بِالَّذِي أَوْحَيْنَا إِلَيْكَ ثُمَّ لَا تَجِدُ لَكَ بِهِ عِلْمًا وَاكِيلًا ﴿٨٦﴾) لَا رَحْمَةً مِنْ رَبِّكَ إِفْضَلَهُ كَانَتْ عَالَمِيكَ كَبِيرًا ﴿٨٧﴾

## سورة الاسراء

وقال تعالى: ( وَهُوَ الَّذِي مَرَجَ الْبَحْرَيْنِ هَذَا عَذْبٌ فُرَاتٌ وَهَذَا مِلْحٌ أُجَاجٌ وَجَعَلَ بَيْنَهُمَا بَرْزَخًا وَجِجًا مَحْجُورًا ﴿٥٣﴾ )

## سورة الفرقان

## ***Dedication***

*To you glow my path  
and power pulse and heart  
And my resolve their piety  
And with prayers facilitate imperative  
And of encouraging scientific increased  
Who are you, and why I am  
My parent  
dearest to you from Allah creation  
My brother and sister  
To you mates my path  
My friends  
To you my colleagues Quieter this humble effort*

## **Acknowledgment**

*Thank Allah that alone is not a partner, to him praise for the blessing of visible and invisible and after single out smiling states thanks and appreciation to which no spare start with his knowledge and time and found his attention full professorial Galilee prof Mubarak Dirar, and also specially thanks staff at the university of Sudan for science and technology and private graduate school and department of physics, staff at the library of science and the Southern section library, and also specially thank staff at the library of Omdurman Islamic university of center and staff at the library of Khartoum department of physics, and archive graduate library, and all those who contributed to the opinion and advice until he graduated this thesis in this picture.*

## **Abstract**

Viscosity plays an important role in many physical systems. Therefore quantum laws must take care of it. In this work a useful expression of viscosity is used to drive a energy lost by viscous medium. This expression is used to drive quantum mechanical equations that take into account the effect of viscosity.

## المستخلص

تلعب الزوجة دور هام فى العديد من الأنظمة الفيزيائية. لذا فإن قوانين الكم يجب أن تأخذها فى الاعتبار. فى هذا العمل أُستخدمت صيغة الزوجة لاشتقاق الطاقة المفقودة بالوسط اللزج. أُستخدمت هذه الصيغة لاشتقاق معادلات ميكانيكا الكم والتي اخذت فى الاعتبار تأثير الزوجة.