

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311

LECTURE 1

LECTURE 1: INTRODUCTION TO QUANTUM MECHANICS

1.1 THE SCHRÖDINGER EQUATION

1.2 THE HEISENBERG UNCERTAINTY PRINCIPLE

1.3 THE TUNNELING EFFECT


*Elizabeth King*

*A new book*

CHILDREN'S BOOK  
COLLECTION  
\*  
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LOS ANGELES

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COLLECTION OF  
Children's Books



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Portrait  
OF  
MOTHER HUBBARD.

*From an Original Painting.*

THE  
COMIC ADVENTURES  
OF  
OLD MOTHER HUBBARD,  
AND  
*HER DOG:*

IN WHICH IS SHEWN

THE WONDERFUL POWERS THAT GOOD OLD LADY  
POSSESSED IN THE EDUCATION OF HER  
FAVOURITE ANIMAL.



LONDON:

PRINTED FOR J. HARRIS AND SON,  
CORNER OF ST. PAUL'S CHURCH-YARD.

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1819.

THE  
GOLD ADVENTURES  
OF  
OLD SHOTGUN HARRISON  
BY  
H. A. HARRISON



LONDON:  
WILLIAM AND ANNE CLAY AND CO.,  
BUNGAY, SUFFOLK.  
1911.



Old Mother Hubbard  
 Went to the cupboard,  
 To give the poor dog a bone,  
 When she came there,  
 The cupboard was bare,  
 And so the poor dog had none.



Old Mother Hubbard  
Went to the Cupboard,  
To give the poor Dog a boné.  
When she came there,  
The Cupboard was bare,  
And so the poor Dog had none.





She went to the Baker's  
To buy him some bread ;  
When she came back  
The Dog was dead !



and went to the office

to get the report

of the committee

on the subject



She went to the Undertaker's

To buy the coffin;

When she came back

The dog was laughing.



She went to the Undertaker's  
To buy him a Coffin ;  
When she came back  
The Dog was laughing.



She took a clean dish

To get him some tripe;

When she came back

He was smoking his pipe.



the look a flash of light  
 The girl's eyes were  
 When the rain fell  
 The man was looking at the girl



She went to the kitchen  
To get him some beer  
When she came back  
The dog was in a chair



She went to the Alehouse

To get him some beer ;

When she came back

The Dog sat in a Chair.





She went to the Tavern

For white wine and red ;

When she came back

The Dog stood on his head.



She went to the Tavern  
For white wine and red;  
When she came back  
The Dog stood on his head.



She went to the Printer's

To buy him some fruit;

When she came back

He was playing the lute.



She went to the Fruiterer's  
To buy him some fruit;  
When she came back  
He was playing the flute.



She went to the Taylor's

To buy him a coat ;

When she came back

He was riding a goat.



She went to the Taylor's

To buy her a coat;

When she came back

She was riding a goat.



She went to the Hatter's  
To buy him a hat;  
When she came back  
He was feeding her Cat.



She went to the Hatter's  
To buy him a hat ;  
When she came back  
He was feeding her Cat.





She went to the Barber's  
To buy him a wig ;  
When she came back  
He was dancing a jig.



She went to the Barber's  
 To buy him a wig; but  
 When she came back  
 He was dancing a jig.



She went to the Collier's  
To buy him some shoes,  
When she came back  
He was reading the news.



She went to the Cobler's  
To buy him some shoes ;  
When she came back  
He was reading the news.



She went to the Sempstress  
To buy him some linen ;  
When she came back  
The Dog was spinning.



she went to the gentleman  
 to buy him some bones  
 If you see some fish  
 The Dog will speak



She went to the kitchen  
 To buy bread for her  
 When she came back  
 He was dead in the clothes



She went to the Hosier's  
To buy him some hose ;  
When she came back  
He was drest in his clothes.





The Dame made a courtesy,

The Dog made a bow ;

The Dame said, Your servant,

The Dog said, Bow-wow.



The Dame made a courtesy;

The Dog made a bow;

The Dame said, 'I am content'

The Dog said, 'I am not.'



This wonderful Dog  
 Was Jane Hubbard's delight,  
 He could bark, he could howl,  
 He could sing, he could whine,  
 She gave him his dinner,  
 Whenever he fed,  
 And called his name,  
 When he was dead.



This wonderful Dog  
Was Dame Hubbard's delight,  
He could Read, he could Dance,  
He could Sing, he could Write;  
She gave him rich dainties  
Whenever he fed,  
And erected this Monument  
When he was dead.





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