### **Edwin Abbott** 1838-1936



http://www.math.brown.edu/~banchoff/abbott/

FLATLAND

#### A Romance of Many Dimensions

With Illustrations

by the Author, A SQUARE

"Fie, fie, how franticly I square my talk !"

NEW AND REVISED EDITION

LONDON SEELEY & Co., 46, 47 & 48, ESSEX STREET, STRAND (Law of 54 Flase Street) 1884

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# Queen Victoria

## Queen of GB and Ireland 1837-1901

Empress of India 1876-1901



http://www.micklebring.com/bml/images/victoria66brithday.jpg

## Literature of theVictorian Age



# Origin of the Species 1859

http://www.wikifirsteditions.com/ The Communist Manifesto

http://darwin-online.org.uk/darwin.html

# Communist Manifesto 1848, trans. 1850



ON

BY MEANS OF NATURAL SELECTION,

OR THE

PRESERVATION OF FAVOURED RACES IN THE STRUGGLE FOR LIFE.

By CHARLES DARWIN, M.A.,

FELLOW OF THE HOYAL, GEOLOGICAL, LENNEAN, ETC., SOCHETTES; AUTHOR OF 'JOURNAL OF RESEARCHES DELING H. M. S. BEAGLE'S VOYAGE BOUND THE WORLD."

LONDON: JOHN MURRAY, ALBEMARLE STREET. 1859.

The right of Pranulation is reserved.

## Literature of theVictorian Age

### Alice in Wonderland 1865

Google Books Image



## Sherlock Holmes appears 1884



http://www.tvheaven.ca/holmes.htm

### Charles Dickens 1812-1870



http://www.bbc.co.uk/drama/bleakhouse/locations.shtml

### Women in Victorian England

• [T]he very being or legal existence of the woman is suspended during her marriage, or at least is incorporated or consolidated into that of her husband, under whose wing, protection and cover, she performs everything.'

#### **Pre-1882**

- A wife's personal property was controlled by the husband.
- A wife could not sue or be sued; the husband was responsible for a wife's crimes.
- The father was always the children's sole legal guardian. Though, after 1873 a woman could be awarded custody of a child under 16.
- A husband could imprison his wife for refusing him "conjugal rights" (until 1891).
- A husband could legally rape his wife (until 1991).
- A woman could be divorced on grounds of adultery; a man on grounds of adultery and one of desertion, cruelty, rape, sodomy, incest, or bigamy.

• The *Contagious Diseases Acts* allowed police to examine a woman suspected of being a prostitute for STDs.

• Age of consent was 13 until 1885 and 16 after that.

#### **Education and Post-1882**

- London University offered women's education in 1840s
- Oxford and Cambridge offered women's education in 1860s and 1870s
- Married Woman's Property Act of 1882 allowed a woman to retain control of what she owned at the time of marriage.
- Infants' Custody Act of 1886 mandated welfare of child be the determining factor in awarding custody.
- In 1926, the grounds for divorce became the same for men and women.
- Women's suffrage was granted in 1918 for women over 30 and in 1928 for women over 21.
- Women were granted degrees at Oxford beginning in 1920.

<u>http://www.st-andrews.ac.uk/~www\_se/personal/pvm/Women.html</u> Labriola, Albert. "The Matrimonial Causes Act of 1873". The Literary Encyclopedia.

## **Edwin Abbott**

1838-1936

attends City of London School attends St. John's, Cambridge

### marries M.E. Rangeley

At Dronfield, Derbyshire, the Rev. Edwin Abbott Abbott, Fellow of St. John's College, Cambridge, to Mary Elizabeth, eldest dau. of Henry Rangeley, esq., of Unstone, Grange, Derbyshire.

Google Books Image

### ordained in the CoE

### 1850-1857

### 1857-1861/2



1863

http://www.math.brown.edu/~banchoff/abbott/

### Headmaster at CLS 1865-1890

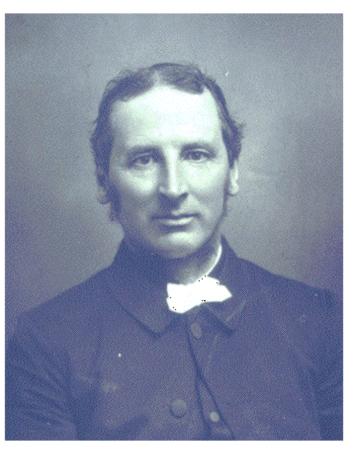


### City of London School, 1882-1997

<u>http://www.math.brown.edu</u>/-banchoff/abbott/



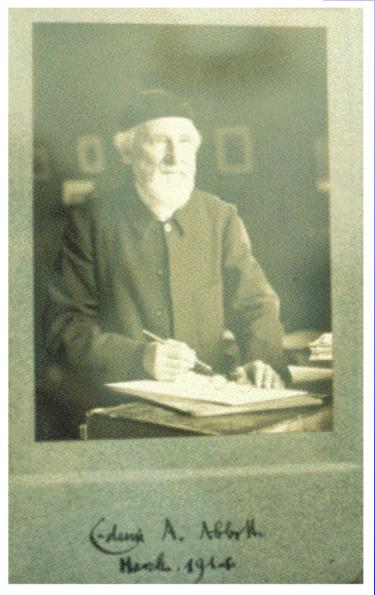
### Tombstone



1878

<u>http://www.math.brown.edu</u>/-banchoff/abbott/

1914



### Edwin Abbott on education

*Hints on Home Teaching* 2nd edition 1883

The increased educational opportunities now afforded to girls and women justify the belief that in the next generation mothers will take a large part in the teaching and training of the young, at all events in the middle classes; and, even where parents have not the leisure of the desire to superintend in detail the studies of their intellectual as well as their moral future... To enable parents thus to contribute to the training of their children is one of the objects of this treatise.

# Edwin Abbott mathematics education

• as a student at CLS (1850-7) Abbott spent 1/3 of each day studying math

"Mathematics and not classics was our strong point, and under the pressure of our eccentric mathematical master, who must have been partially mad from the beginning and whom the treatment by his pupils probably made still madder, we covered more ground in mathematics than was ever attempted (as far as I know) in any English school before or since. All alike were forced through the mill of higher mathematics, with the result that several of our pupils took high mathematical degrees at Cambridge, while the majority had their education injured or spoiled." Abbott *Autobiography* 

## Edwin Abbott mathematics education

- Took the mathematical Tripos at Cambridge in January, 1861. (3 days)
- 3 days for part I, then a 10 day break, then part II.
- H. Candler was 16th wrangler in 1860. W. Aldis was senior wrangler in 1861.
- Abbott was 7th senior optimé. (2nd class honours)
- Classical Tripos taken 1 month after Math. Tripos. Consisted of 11 3-hr sessions over 6 days
- Abbott was the Senior Classic and 1st Chancellor's medallist. Aldis was S.W. and First Smith's Prizeman