

1

Ἐρωθινόν Ιου

Ἀρχόν

1

W. B. Birchall
Los

Appx

Exhibition I
These are for the
1888

~~1888 - 1889~~
~~1889 - 1890~~

~~1890 - 1891~~
~~1891 - 1892~~

~~1892 - 1893~~
~~1893 - 1894~~

~~1894 - 1895~~
~~1895 - 1896~~

~~1896 - 1897~~
~~1897 - 1898~~

~~1898 - 1899~~
~~1899 - 1900~~

~~1900 - 1901~~
~~1901 - 1902~~

~~1902 - 1903~~
~~1903 - 1904~~

~~The first part of the paper is devoted to a discussion of the general principles of the theory of the
 α -decay. It is shown that the α -particle is emitted from the nucleus as a result of the
 tunneling of the α -particle through the potential barrier of the nucleus. The probability of
 tunneling is calculated by means of the WKB method.~~

~~The second part of the paper is devoted to a discussion of the experimental results on the
 α -decay. It is shown that the α -decay is a first-order process and that the half-life of the
 α -decay is independent of the energy of the α -particle. This is in agreement with the
 theoretical results obtained in the first part of the paper.~~

~~The third part of the paper is devoted to a discussion of the theoretical results obtained in the
 first part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

~~The fourth part of the paper is devoted to a discussion of the theoretical results obtained in the
 second part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

~~The fifth part of the paper is devoted to a discussion of the theoretical results obtained in the
 third part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

~~The sixth part of the paper is devoted to a discussion of the theoretical results obtained in the
 fourth part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

~~The seventh part of the paper is devoted to a discussion of the theoretical results obtained in the
 fifth part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

~~The eighth part of the paper is devoted to a discussion of the theoretical results obtained in the
 sixth part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

~~The ninth part of the paper is devoted to a discussion of the theoretical results obtained in the
 seventh part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

~~The tenth part of the paper is devoted to a discussion of the theoretical results obtained in the
 eighth part of the paper. It is shown that the theoretical results are in good agreement with the
 experimental results.~~

Ε ε τε ερ ε εμ θα νι σθει ει ει ει ει ει ει ει ει

ει ει ει ει ει ει ει ει ει ως θε στο ο ο ο ο ο ο ο ο

λο ο ως θε στο ο τ ης πα α α α α α α α α α α

λα α α αν των δε οι οis τα δι ι ι ι ι υtu

υ υ α ηε γε ε ε ε ε ευ ει ει εις θα γει ει ει

ει ει λει ει ει ει ει ει ει ει ει ει ν ο γο ο ο ο ο

γος ε ε ε ερ γο ο αν ε ε ε ευ θυς η η η η η

η η η η η η η η θο ο ο σ των ι χθυ υ υ υ υ

Handwritten text on lined paper, appearing to be a list or series of entries. The text is written in a cursive script and is mirrored across the page, suggesting it was written on the reverse side of the paper. The entries are organized into several horizontal sections, each containing multiple lines of text. The handwriting is somewhat faded and difficult to decipher, but the overall structure is that of a list or a series of notes.

u u u u w uv πo o o gu u u dei ei ei ei

ei ei ei πvov ze e e vo ov e e Toi oi μov

e ev γn η x με Ta oxo o o o ov Tw wv

To o Te e e e Ge x x Twv Na a a θn η η η η η

Twv u η mas vu u uv vo η η Tw w w w

w w w na Ta oi i i i u w w w Gov

e e ev Tpu u u u θn η η η η η η η Sai ai ai

ga a a av θpw w w w Te u u u u u u u pi i i

x x e e e e

[Faint, mirrored handwriting, likely bleed-through from the reverse side of the page. The text is illegible due to fading and mirroring.]

W. T. B. Χαϊώου
14 Αυγούστου 1921

Ἑσθινὸν Ι' Ἀρχὸν

Νηέως Α. Καμαράδου

Ἀλεξάνδρην

11 Σεπτεμβρίου 1961

Κ.Τ. Βασιλείου
11 Σεπτεμβρίου 1961

$\overset{|}{\lambda} \overset{\cdot}{a} \overset{\cdot}{a} \overset{\cdot}{a} \overset{\cdot}{a} \overset{\cdot}{a} \overset{\cdot}{n} \overset{\cdot}{\theta} \overset{\cdot}{\rho} \overset{\cdot}{\omega} \overset{\cdot}{\omega} \overset{\cdot}{\rho} \overset{\cdot}{\epsilon} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\rho} \overset{\cdot}{\iota} \overset{\cdot}{\iota} \overset{\cdot}{\iota}$
 λ α α α αν θ ρ ω ω ρ ε ν ν ν ν ν ν ρ ι ι ι

$\overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu} \overset{\cdot}{\nu}$
 ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν

Νηλέως Α. Κομαρώνος
 Η Δευτέρα 14 Οκτωβρίου 1961

[The page contains approximately 15 lines of extremely faint, illegible handwriting on lined paper. The text is too light to transcribe accurately.]

ει ει ει βη λα ει ει ει ει υβ ει ει ει ει ει ει ει ει ει ει
ει ει ει βη λα ει ει ει ει υβ ει ει ει ει ει ει ει ει ει ει

πρ ο λο ο ο ο γος ε ε ε ε ε ρ χ ο ο ο ν ε ε ε υ β η
πρ ο λο ο ο ο γος ε ε ε ε ε ρ χ ο ο ο ν ε ε ε υ β η

η η η η η η η η η θ ο ο ο τ ω ν ι χ θ υ ο ο ο
η η η η η η η η η θ ο ο ο τ ω ν ι χ θ υ ο ο ο

υ υ υ υ υ ω ω ν π ο ο ο λ υ ο ο ο ο ε ι α ι α ε π ν ο ο
υ υ υ υ υ ω ω ν π ο ο ο λ υ ο ο ο ο ε ι α ι α ε π ν ο ο

ε ε ε ε ε ν ο ο ο ε ε τ ο ι α μ ο ν ε ε ν γ η η
ε ε ε ε ε ν ο ο ο ε ε τ ο ι α μ ο ν ε ε ν γ η η

χ η ε τ α ο χ ο ο ο ο ο ο ο ο ο τ ω ω ν τ ο ο τ ε ε ε ε ο ο ο ο τ ω ν
χ η ε τ α ο χ ο ο ο ο ο ο ο ο ο τ ω ω ν τ ο ο τ ε ε ε ε ο ο ο ο τ ω ν

μ α α α θ η η η η η η η τ ω ν η η μ α ε ν υ ο ο ο υ ο η η
μ α α α θ η η η η η η η τ ω ν η η μ α ε ν υ ο ο ο υ ο η η

τ ω ω ω ω ω ω ω ω ω μ α τ α ε ι ι ι ι ι ι ω ω ω ω ο ο
τ ω ω ω ω ω ω ω ω ω μ α τ α ε ι ι ι ι ι ι ω ω ω ω ο ο

ε ε εν τ ρ υ ο ο ο ο η η η η η η η η η ο α ι α ι ο ι
ε ε εν τ ρ υ ο ο ο ο η η η η η η η η η ο α ι α ι ο ι

$\frac{1}{2} \times \frac{3}{4} = \frac{1 \times 3}{2 \times 4} = \frac{3}{8}$

$\frac{2}{3} \times \frac{5}{6} = \frac{2 \times 5}{3 \times 6} = \frac{10}{18} = \frac{5}{9}$

$\frac{3}{5} \times \frac{4}{7} = \frac{3 \times 4}{5 \times 7} = \frac{12}{35}$

$\frac{4}{8} \times \frac{6}{9} = \frac{4 \times 6}{8 \times 9} = \frac{24}{72} = \frac{1}{3}$

$\frac{5}{10} \times \frac{7}{14} = \frac{5 \times 7}{10 \times 14} = \frac{35}{140} = \frac{1}{4}$

$\frac{6}{12} \times \frac{8}{16} = \frac{6 \times 8}{12 \times 16} = \frac{48}{192} = \frac{1}{4}$

$\frac{7}{14} \times \frac{9}{18} = \frac{7 \times 9}{14 \times 18} = \frac{63}{252} = \frac{1}{4}$

$\frac{8}{16} \times \frac{10}{20} = \frac{8 \times 10}{16 \times 20} = \frac{80}{320} = \frac{1}{4}$

$\frac{9}{18} \times \frac{11}{22} = \frac{9 \times 11}{18 \times 22} = \frac{99}{396} = \frac{1}{4}$

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Ερωτησίων 1ος

Αρχόν

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