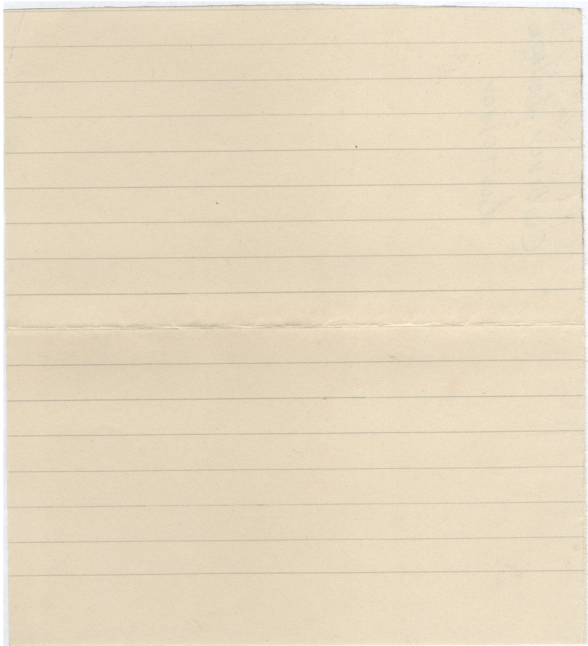


Ερωθινόν Σείληον ¹
Λύτομον



Mathematics
Ch. 10

Jan 1950

EXERCISES

1. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f+g)(x)$.

2. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f-g)(x)$.

3. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(fg)(x)$.

4. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(\frac{f}{g})(x)$.

5. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(\frac{g}{f})(x)$.

6. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g)(x)$.

7. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(g \circ f)(x)$.

8. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g) \circ h(x)$.

9. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(g \circ f) \circ h(x)$.

10. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g) \circ h(x)$.

11. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(g \circ f) \circ h(x)$.

12. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g) \circ h(x)$.

13. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(g \circ f) \circ h(x)$.

14. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g) \circ h(x)$.

15. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(g \circ f) \circ h(x)$.

16. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g) \circ h(x)$.

17. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(g \circ f) \circ h(x)$.

18. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g) \circ h(x)$.

19. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(g \circ f) \circ h(x)$.

20. Let $f(x) = x^2 + 3x - 5$ and $g(x) = 2x - 1$. Find $(f \circ g) \circ h(x)$.

1871
1872
1873
1874
1875
1876
1877
1878
1879
1880

1881
1882
1883
1884
1885
1886
1887
1888
1889
1890

1891
1892
1893
1894
1895
1896
1897
1898
1899
1900

1901
1902
1903
1904
1905
1906
1907
1908
1909
1910

1911
1912
1913
1914
1915
1916
1917
1918
1919
1920

1921
1922
1923
1924
1925
1926
1927
1928
1929
1930

1931
1932
1933
1934
1935
1936
1937
1938
1939
1940

1941
1942
1943
1944
1945
1946
1947
1948
1949
1950

1. $\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

2. $\frac{1}{4} + \frac{1}{8} = \frac{2}{8} + \frac{1}{8} = \frac{3}{8}$

3. $\frac{1}{5} + \frac{1}{10} = \frac{2}{10} + \frac{1}{10} = \frac{3}{10}$

4. $\frac{1}{6} + \frac{1}{12} = \frac{2}{12} + \frac{1}{12} = \frac{3}{12} = \frac{1}{4}$

5. $\frac{1}{7} + \frac{1}{14} = \frac{2}{14} + \frac{1}{14} = \frac{3}{14}$

6. $\frac{1}{8} + \frac{1}{16} = \frac{2}{16} + \frac{1}{16} = \frac{3}{16}$

7. $\frac{1}{9} + \frac{1}{18} = \frac{2}{18} + \frac{1}{18} = \frac{3}{18} = \frac{1}{6}$

8. $\frac{1}{10} + \frac{1}{20} = \frac{2}{20} + \frac{1}{20} = \frac{3}{20}$

Handwritten text at the top of the page, including the name "K. K. K." and other illegible characters.

Handwritten text in the middle-left section of the page.

Handwritten text in the middle-right section of the page.

Handwritten text at the bottom-left of the page.

Handwritten text at the bottom-right of the page.

Ημερολόγιο
 Κωνσταντίνου Α. Καραγιάννη
 Μουσείο
 Κωνσταντίνου Α. Καραγιάννη

Αντιγραφή
 Μισογίου Τ. Βλαχοπούλου
 Τῆς 4 Σεπτεμβρίου 1921

Ἑθνικὸν Δεύτερον
"Σύντομον"

Νηέως Α. Καμαράδου

Ἀλεξάνδρην
5 Σεπτεμβρίου 1961

Ν. Α. Κ.

Empirical distribution

Empirical distribution

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

$$F_n(x) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i) = \frac{1}{n} \sum_{i=1}^n I_{(-\infty, x]}(X_i)$$

1

$\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$ $\frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$ $\frac{3}{5} \times \frac{5}{6} = \frac{1}{2}$

$\frac{4}{7} \times \frac{7}{8} = \frac{1}{2}$ $\frac{5}{6} \times \frac{6}{7} = \frac{5}{7}$ $\frac{6}{8} \times \frac{8}{9} = \frac{2}{3}$

$\frac{7}{9} \times \frac{9}{10} = \frac{7}{10}$ $\frac{8}{10} \times \frac{10}{11} = \frac{4}{11}$ $\frac{9}{11} \times \frac{11}{12} = \frac{3}{4}$

$\frac{10}{12} \times \frac{12}{13} = \frac{5}{13}$ $\frac{11}{13} \times \frac{13}{14} = \frac{11}{14}$ $\frac{12}{14} \times \frac{14}{15} = \frac{6}{5}$

$\frac{13}{15} \times \frac{15}{16} = \frac{13}{16}$ $\frac{14}{16} \times \frac{16}{17} = \frac{7}{17}$ $\frac{15}{17} \times \frac{17}{18} = \frac{5}{6}$

$\frac{16}{18} \times \frac{18}{19} = \frac{8}{19}$ $\frac{17}{19} \times \frac{19}{20} = \frac{17}{20}$ $\frac{18}{20} \times \frac{20}{21} = \frac{9}{7}$

$\frac{19}{21} \times \frac{21}{22} = \frac{19}{22}$ $\frac{20}{22} \times \frac{22}{23} = \frac{10}{23}$ $\frac{21}{23} \times \frac{23}{24} = \frac{7}{8}$

$\frac{22}{24} \times \frac{24}{25} = \frac{11}{12}$ $\frac{23}{25} \times \frac{25}{26} = \frac{23}{26}$ $\frac{24}{26} \times \frac{26}{27} = \frac{4}{3}$

$\frac{25}{27} \times \frac{27}{28} = \frac{25}{28}$ $\frac{26}{28} \times \frac{28}{29} = \frac{13}{14}$ $\frac{27}{29} \times \frac{29}{30} = \frac{9}{10}$

10

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

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

multiply a fraction
by a fraction

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

10

Ευθείου Γορ

Σύνοψιν



101

101

ИЗДАТЕЛЬСТВО
"ИЗДАТЕЛЬСТВО"
ИЗДАТЕЛЬСТВО

ИЗДАТЕЛЬСТВО
ИЗДАТЕЛЬСТВО

[Faint, illegible handwriting on lined paper]

110

101

in January, 1911

ИЗДАТЕЛЬСТВО
"ПРОСВЕЩЕНИЕ"
1911

ИЗДАТЕЛЬСТВО
"ПРОСВЕЩЕНИЕ"

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

Η ΕΝ ΤΑΤΑΟΥΛΟΙΣ
ΦΙΛΕΚΠΑΙΔΕΥΤΙΚΗ ΑΔΕΛΦΟΤΗΣ

“ΠΡΟΟΔΟΣ”.

ΙΑΡΥΘΕΙΣΑ ΤΟ, 1899

Εν Ταταύοις, αη

(ΤΑΤΑΥΛΑ, ΤΕΣΣΕΡΕ ΜΕΙΔΑΝ ΑΡ. 02)

ΚΩΝΣΤΑΝΤΙΝΟΥΠΟΛΙΣ

Handwritten musical notation on a page with ten staves. Each staff contains a series of rhythmic symbols (vertical lines with flags) and Greek letters (α, β, γ, δ, ε, ζ, η, θ, ι, κ, λ, μ, ν, ξ, ο, π, ρ, σ, τ, υ, φ, χ, ψ, ω, Ω) written below the symbols. The notation is dense and appears to be a form of shorthand or a specific musical notation system. Some symbols are enclosed in boxes or have additional markings above them. The overall layout is organized into ten horizontal lines of notation.

141

101

ΦΙΛΑΡΧΕΙΟΥ ΤΗΣ ΑΡΧΑΙΟΛΟΓΙΑΣ
"ΠΡΟΒΟΛΕΣ"
ΑΡΧΑΙΟΛΟΓΙΚΟ ΜΟΥΣΕΙΟ

ΕΠΙΣΤΗΜΟΝΙΚΟ ΚΕΝΤΡΟ
ΚΟΝΣΤΑΝΤΙΝΟΥΠΟΛΕΩΣ

[Faint, mostly illegible handwritten text in Greek script, possibly bleed-through from the reverse side of the page.]

27 May 1914
 1000 ft. above sea level
 1000 ft. above sea level

1000 ft. above sea level
 1000 ft. above sea level

1000 ft. above sea level
 1000 ft. above sea level

Ευδινόν Μ. Ήχος ἰῆ Γα
Νηξίω. Α. Καμαράδα
Σύντομος

Ζ. βίου 21. 1917.
Σύντομος

Αντιγράφη
ἢ 5 Σεπτεμβρίου 1961



1. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

2. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

3. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

4. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

5. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

6. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

7. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

8. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

9. $\frac{1}{2} \frac{d}{dt} (2x^2) = \frac{1}{2} \cdot 4x \cdot \frac{dx}{dt} = 2x \frac{dx}{dt}$

1. $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2. $\frac{1}{x^3} = x^{-3}$ $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

3. $\frac{1}{x^4} = x^{-4}$ $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

4. $\frac{1}{x^5} = x^{-5}$ $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

5. $\frac{1}{x^6} = x^{-6}$ $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6. $\frac{1}{x^7} = x^{-7}$ $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7. $\frac{1}{x^8} = x^{-8}$ $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8. $\frac{1}{x^9} = x^{-9}$ $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9. $\frac{1}{x^{10}} = x^{-10}$ $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

ε νοι αι δι ο ο α οι βω ω ε ρι σθε ε ε ε ν
 ε ε σ δι ε α αυ τω ων δο α α α α α ζο
 η ε ε ε ρ ο α τ ην ε υ ν ε ε υ ρω α ν α α
 ζ α α α σιν βι λ α α α ν θρω η ε ε κυ υ υ υ
 Κυ υ υ Κυ υ ρ ι ι ε ε ε

Νηλεώς Α. Καμαράου
 5 Δεμ. 1961

Ερωτηνών αυτόμακον

Τον Η/ΧΟΚ

61

Ερωθιρόν ἕρπός,

Ἰηχος Γ'ος

Ερωθιρόν Τρίτων

Englisch

1870

Englisch

Ἑωθινὸν Τρίτον ἦχος Γα

Μητρώου Α. Καμαράδου

Ἀρχή

Do o o o οὐ α α Πα Τρι και αι αι υ υ υ υ

w w και αι Α α γι ι ω ω τίτε ε ε ευ μα α α

α α τι τns May δα α α νη η η ηs Ma α

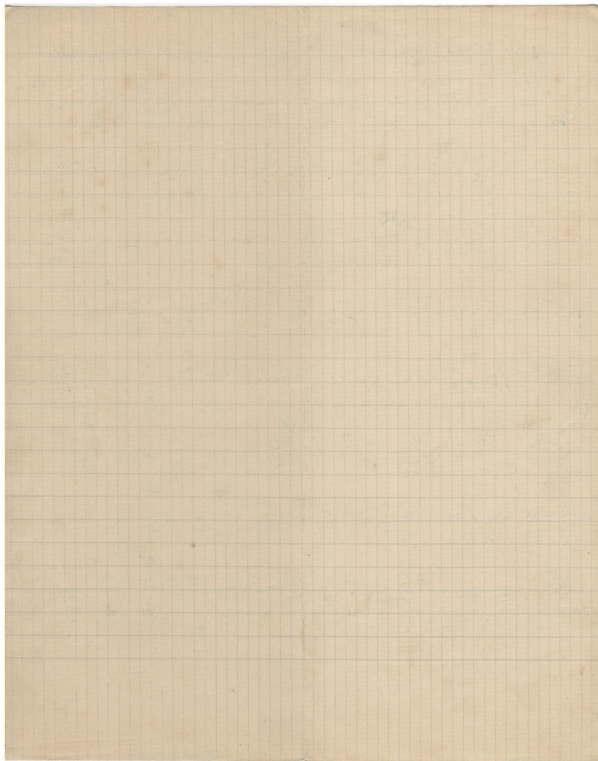
ρι α αs τnv τs s s ζω

τη η η η pos ευ α α αγ γε α ο με ε ε ε

ε ε ε ε νη ηs ευ ve ε υπωv Α

va α γα α α ηι ι ι υ και αι ε ευ

δα α α α α α veι ει ει ει ει α av δι α τι



Δ.
 γα α φφ α α α α α υ γε εσ οι οι Μα θη η. ται αι

ω ω ω ω νει ει δει ει γο ο ο ο ον το το τινσ ηαρ

δι - - - α ας αυη η πο ο ο ο ο λο ο ο ο ο

ον α γα α α α τοι οισ τη μει ει ει ει

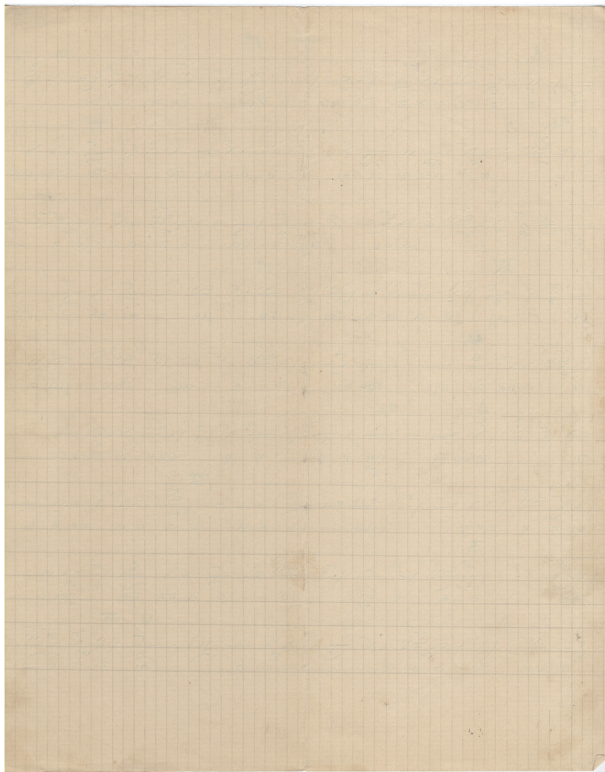
οι οι οσηα θο ηη θε εν γε ε ε εσ και θαυ μα α

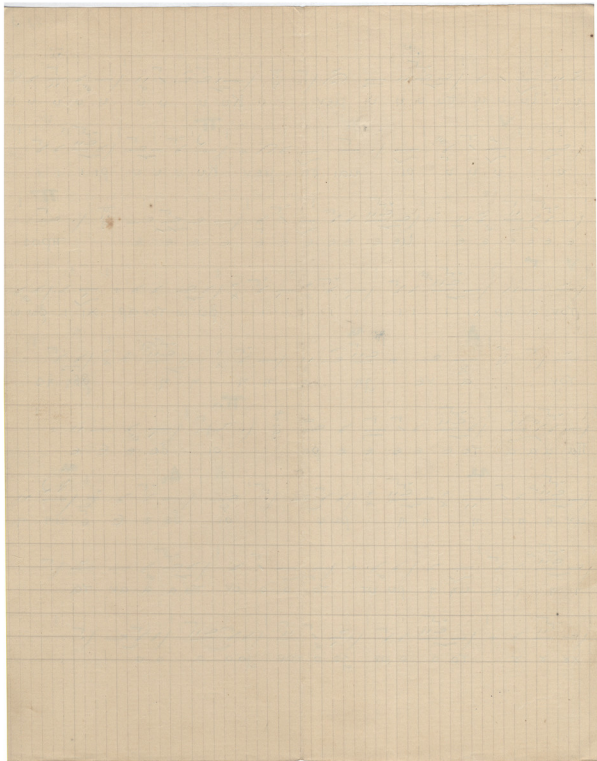
ει προσ το ηη η η η η ρυ υ προσ το

ηη η η ρυ η μα α α α α α α πε ε ε

γε ε ε ε ε ε γο ο α πε γε γο ο

ο ον το ο ο ο ο ο ο ο . και ου υ υ υ





γο ο ον τοις θα α αυ μα α α οι

ο ο ο ο α με ε ε ε ε νοι οι δι ο ο

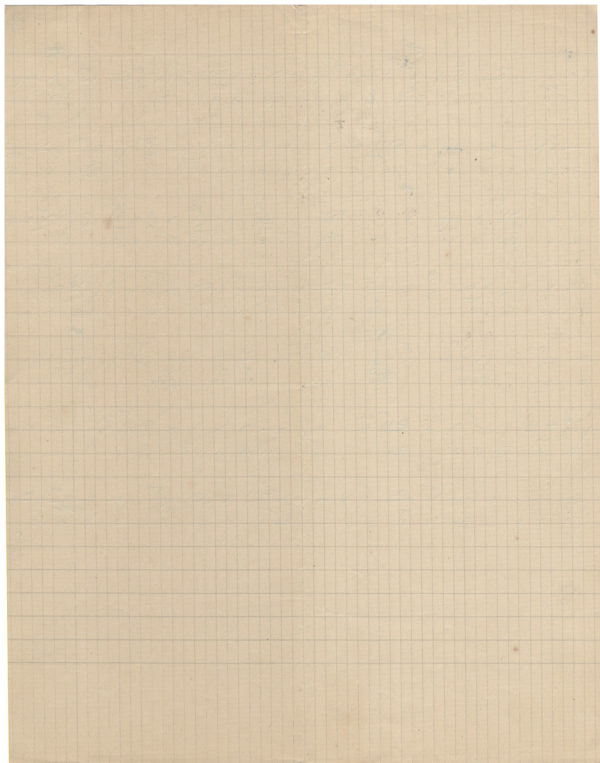
οι οι οω ω ε τι οθε ε ε εν τε ε ε ο οι

α αυ τω ων οο ζα α α α ο ο ο με ε

ε εν ο ο ο ευ νε ε ηρω Α

να α ζα α α οιν δι γα α α αν θρω

πε ε ε Κυ ο ο ο ο Κυ ο ο πι ε ε ε ε



Ἑωθινόν Γ^α

« Ἀργόν »

Ἀνλεσρῶση
ἡ 6 Σεπτεμβρίου 1961

N. T. B.

1921

Γ
 το τινυαρ δι : : αας συν η πο ο ο ο ο λο ο ο ο

αλ λα α α α τοι οι ση μει ο α ο οι οι οωια

κ
 ο πλι οβεν τσε εεε υγ θαο μαα οι ροποτο υπη η

η η ρυυ υ ροποτο υπη η η ρυυγ μα α α α

α α α πεεε ζεε εε εε ελ λο ο α πεεε λοο

ο ον το ο ο ο ο λο ο ο ο ο υγ ουυ υ υ υ

ουυ υ ουυ υ μεν Κυ υ υ υ υ υ υ υ υ υ υ υ υ

ρι υγ ου μεν Κυ υ υ ρι ι ι εεε ε εεε υεεε εε

εεε ε εεε ροποτον ααρ χι ι ι ι ι ι ι ι ι ι

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3} = \frac{1}{2} \frac{d^3 x}{dt^3}$$

Έωθενόν Τρίτου ἄρχόν

Νηλέως Α. Καμαρίνου

6 Σεπτεμβρίου 1961

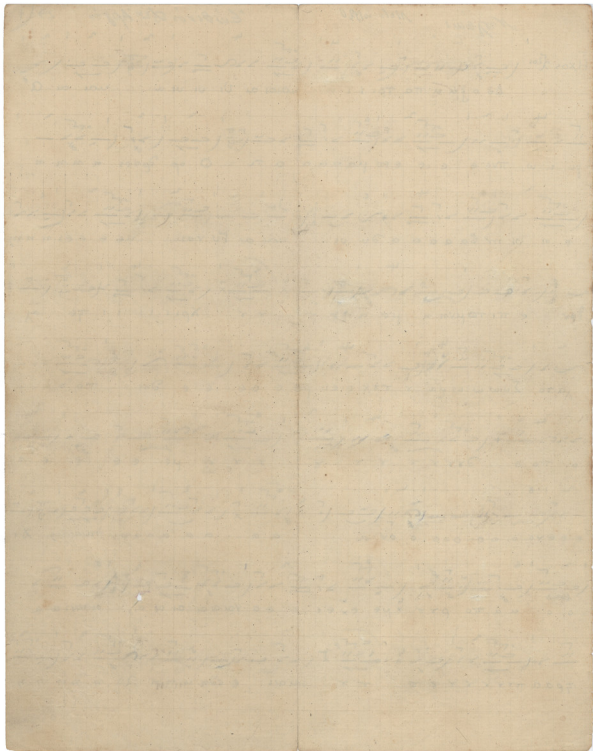
ἡμέρα τῶν γενεθλίων μου

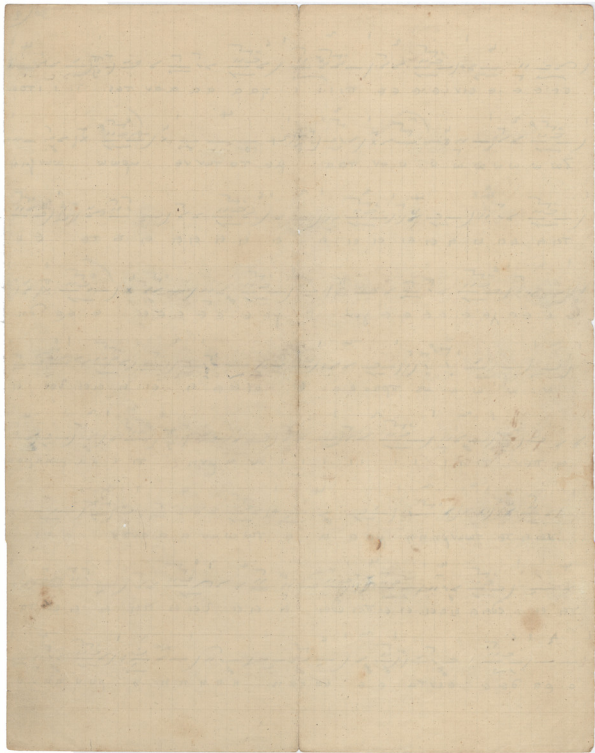
Νικολάου Τ. Βλαχοπουλῶς

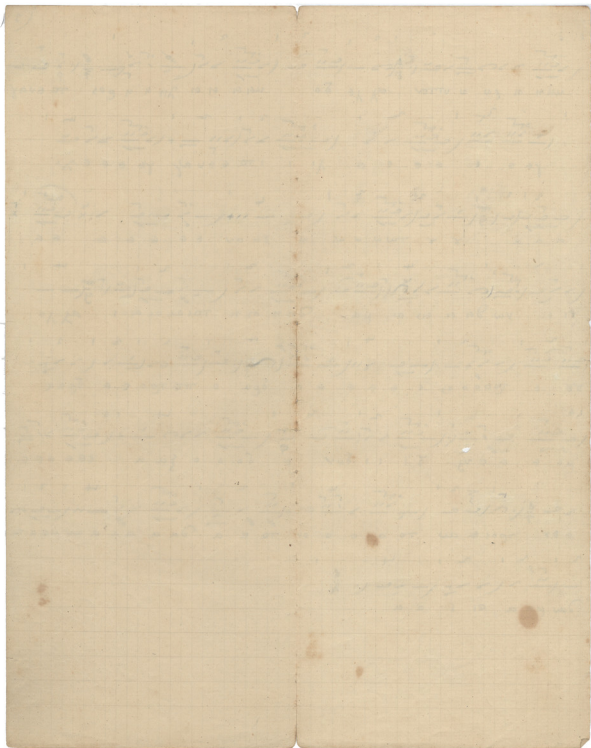
1883 1961 =

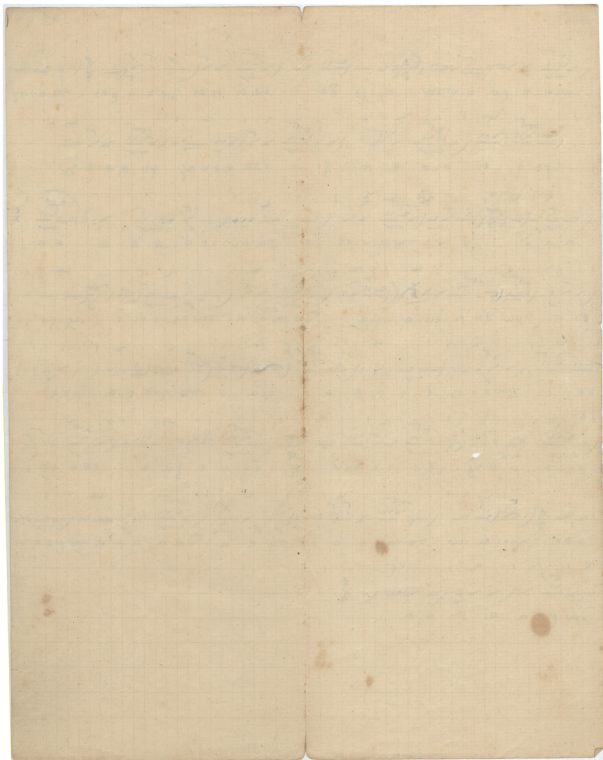
Ἐπιτομὴ Τέλειος
Ἄρθου

NOVEMBER 1918
NOV 1918









Handwritten text, possibly bleed-through from the reverse side of the page.

Ἐωθινόν Τέταρτον ἄρχον

Ἦχος ρος → Δο ο εαα Πα τρι ι ι και αι αι υι υι

ω και αι Α γι ι ω Πνεεεε εεε μααα αα τι

Ο ορ θρος η η η η η η η η ν βααα αα θυυς υ αι ι υ

και υεε εεε η η η λ θον επι το κνη η μαα σσ σ Χρι

ι ι ι ζε αλ λα το ουυ υ μα α σαα εεε εε εε

θη το ο ο πο ο θοααα αα α αα αα μεεε εε εε

εεε νο ο ο ο ο ον α αα αα αα ααυ αι αι αι Δε

ο ο αα πο ραα μεεε εε εεε και αι αι αι αι αι αι αι αι

ζααα πτααα αα αα αα αι αι αι εε σθη η η η λη η η η η η

Handwritten title at the top of the page.

Handwritten text, possibly a date or introductory sentence.

Handwritten text, possibly a paragraph or list item.

Handwritten text, possibly a paragraph or list item.

Handwritten text, possibly a paragraph or list item.

Handwritten text, possibly a paragraph or list item.

Handwritten text, possibly a paragraph or list item.

Handwritten text, possibly a paragraph or list item.

Handwritten text, possibly a paragraph or list item.

Handwritten text, possibly a paragraph or list item.

25

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

$$1^A \quad 2^B \quad 3^C \quad 4^D \quad 5^E \quad 6^F \quad 7^G \quad 8^H \quad 9^I \quad 10^J$$

ρυ υυ ε κη η η ρυ υ ττον αλλ ε δο υη α α
B

λη η η ροι τος α γ γε ε ε ε ε ε λει τα ε ου γ
Π

γος ε ε λει α α α ο ο τω υ υ η σα ν ε ε ε
Π

ε ε ιι νω θα ε εισι μα θη η η ται αι αι αι αλλ ο
B

πε ε τρο υ ο ο ε ε ε ε ε δρ α ο πε τ ρ ο ο ε δ ρ α
B

με ε ε υ ι ι ι δων ε δο ο ο ε α ο σε ε ε ε ε ο
A

προ ε αυ το ο ο ο ον τα α θα α α α υ μα τα θα υ μα
B

οι α α

Ανδρέας Α. Κομαράδου
6 Σεπτεμβρίου 1961

$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v a$

$\frac{1}{2} m v a = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

$\frac{1}{2} m v a = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

$\frac{1}{2} m v a = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

$\frac{1}{2} m v a = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

$\frac{1}{2} m v a = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

$\frac{1}{2} m v a = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

Velocity & Acceleration
of a particle in a
circular path

1. $\frac{1}{x^2} = x^{-2}$
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2. $\frac{1}{x^3} = x^{-3}$
 $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

3. $\frac{1}{x^4} = x^{-4}$
 $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

4. $\frac{1}{x^5} = x^{-5}$
 $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

5. $\frac{1}{x^6} = x^{-6}$
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6. $\frac{1}{x^7} = x^{-7}$
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7. $\frac{1}{x^8} = x^{-8}$
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8. $\frac{1}{x^9} = x^{-9}$
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9. $\frac{1}{x^{10}} = x^{-10}$
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

10

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

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

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

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

Handwritten notes at the bottom of the page.

82

1870

1870

1870

1870

1870

1870

1870

1870

1870

Handwritten text, likely bleed-through from the reverse side of the page.

Handwritten text, likely bleed-through from the reverse side of the page.

Handwritten text, likely bleed-through from the reverse side of the page.

Handwritten text, likely bleed-through from the reverse side of the page.

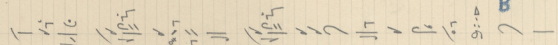
Handwritten text, likely bleed-through from the reverse side of the page.

Handwritten text, likely bleed-through from the reverse side of the page.

Handwritten text, likely bleed-through from the reverse side of the page.

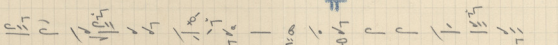
Handwritten text, likely bleed-through from the reverse side of the page.

Handwritten text, likely bleed-through from the reverse side of the page.

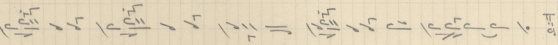


 . n n n puu u u u e un n n pu u uε τον αγγ. ε

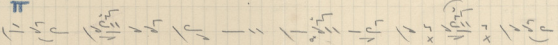
B



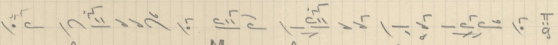
 do uelei eiei gn n n pos τα eu ay γε ε ε ε



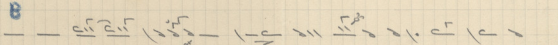
 ε ε ε ε γι ι τα ε eu ay γε ε ε ε γι α α α



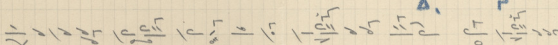
 ε ε τω w w ws n σα av ε ε ε ε ε ε ε ε ε ε



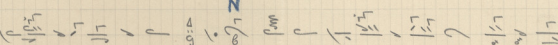
 vw θελει εις οι Ma θη n n n ται αι αι αι αι



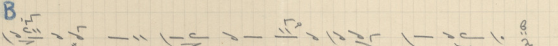
 αγγ. ο Πτε ε τροοο ος ε ε ε ε ε ε δρα ο Πτε τροσ



 ε ε δρα α με ε ε ε γι ι ι ι ι dwn ε οο ο ξα α



 σε ε ε ε ε ε ε πpos ε αυ το ο ο ο ον τα α α



 θα α α α αυ μα α τα θαν μα α σι ι α α

1. The first part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

2. The second part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

3. The third part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

4. The fourth part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

5. The fifth part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

6. The sixth part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

7. The seventh part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

8. The eighth part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

9. The ninth part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

10. The tenth part of the document is a list of names and dates, including "John Doe" and "Jane Smith".

Ἑωθινὸν Δ^{ον}
Σύντομον

Ἀνλεξρόγη
τῆς Β. Λεωτεμβέρου 1961

π.τ.β.

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

2
ω ω ω ω μι ι ι ι λεικ και ο μι λων ε ου

ε ε ε ευ θε ε ε ε ε υ ε ε ε α αυ το ο ο ο ον φα α

α νε ε ε ροικ δι ο ο ο υ ο ο ο ο νει ει δι ι ι ι

ι ι ρι ρι ως μο νοι τα ροι ω ω ω εν Ι ι ε ρε ε ε

θα α α α λη η η η η μ και μη η με τε ε ε ε ε

χω ω ω των εν τε ε λει βα ε ε λε ευ μα α α α α

τω ω ω ω αυ τη η η η η η λη η η η η η η η η η η η

Αλλ' ολο πα α αν τα προι το τε πλα α σμα α α α τοι συμ

φε ε ε ε ε ε ροον οι οι υ νο ο μω ω ω και ται τε ρι

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

[The page contains approximately 12 lines of extremely faint, illegible handwriting on aged, yellowed paper. The text is mirrored across the page, suggesting bleed-through from the reverse side. No legible words or numbers can be discerned.]

[Faint, illegible handwriting on lined paper]



Albany

Ἐσθινόν Ε. ἴχος $\frac{\lambda}{\pi}$ ἢ πα ὠντομον
Μποσιν Ν.Α.Καραδης

Ἰντζερφρη

4



Ν.Α.Κ.



Bubala's Algebra

1. $\frac{1}{x} + \frac{1}{y} = \frac{x+y}{xy}$

2. $\frac{1}{x} - \frac{1}{y} = \frac{y-x}{xy}$

3. $\frac{1}{x} \cdot \frac{1}{y} = \frac{1}{xy}$

4. $\frac{1}{x} \div \frac{1}{y} = \frac{y}{x}$

5. $\frac{1}{\frac{1}{x}} = x$

6. $\frac{1}{\frac{1}{x} + \frac{1}{y}} = \frac{xy}{x+y}$

7. $\frac{1}{\frac{1}{x} - \frac{1}{y}} = \frac{xy}{y-x}$

8. $\frac{1}{\frac{1}{x} \cdot \frac{1}{y}} = xy$

νο ος ω ω ω μι ι ι ι λαι υ ο μι ι λω σ ου

ε ε ε ευ θε ε ε ε ω ε ε ε α αυ τ ου ο ο ν β α α ν ε ε

ρ ου δι ο ο ο υ ο ο ο ο ν αι δι ι ι ι ι ζ αι

ω σ μον ο πα ρ ου ω ω κ εν ι ι ε ρ ο ο σ α α α λ η η

η η η η η η ης υ η η η με τ ε ε ε χ ω ω ν τ ω κ εν τ ε ε λ αι

θ ο ο λ ε ο ο μα α α α τ ω ω ν α υ τ η η η η η η λ η η η η

η η η η η η ης Α λ λ ο ι τ α α ν τ α π ρ ο σ τ ο τ ο ι τ λ α α σ μα α α α

τ ο σ α μ β ε ε ε ε ε ε ρ ο ο ν α σ ι μ ο ν ο ο μ ω ω ν υ τ ω σ τ ε ρ ι

σ α α π ρ ο ο β η η η η τ ω ω κ αι ε α σ α ν ε ε ε ε ε ε ε

$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$ $\frac{1}{6} \times \frac{1}{7} = \frac{1}{42}$ $\frac{1}{8} \times \frac{1}{9} = \frac{1}{72}$ $\frac{1}{10} \times \frac{1}{11} = \frac{1}{110}$

$\frac{1}{12} \times \frac{1}{13} = \frac{1}{156}$ $\frac{1}{14} \times \frac{1}{15} = \frac{1}{210}$ $\frac{1}{16} \times \frac{1}{17} = \frac{1}{272}$ $\frac{1}{18} \times \frac{1}{19} = \frac{1}{342}$ $\frac{1}{20} \times \frac{1}{21} = \frac{1}{420}$

$\frac{1}{22} \times \frac{1}{23} = \frac{1}{506}$ $\frac{1}{24} \times \frac{1}{25} = \frac{1}{600}$ $\frac{1}{26} \times \frac{1}{27} = \frac{1}{702}$ $\frac{1}{28} \times \frac{1}{29} = \frac{1}{812}$ $\frac{1}{30} \times \frac{1}{31} = \frac{1}{930}$

$\frac{1}{32} \times \frac{1}{33} = \frac{1}{1056}$ $\frac{1}{34} \times \frac{1}{35} = \frac{1}{1190}$ $\frac{1}{36} \times \frac{1}{37} = \frac{1}{1332}$ $\frac{1}{38} \times \frac{1}{39} = \frac{1}{1482}$ $\frac{1}{40} \times \frac{1}{41} = \frac{1}{1640}$

$\frac{1}{42} \times \frac{1}{43} = \frac{1}{1806}$ $\frac{1}{44} \times \frac{1}{45} = \frac{1}{1980}$ $\frac{1}{46} \times \frac{1}{47} = \frac{1}{2162}$ $\frac{1}{48} \times \frac{1}{49} = \frac{1}{2352}$ $\frac{1}{50} \times \frac{1}{51} = \frac{1}{2550}$

$\frac{1}{52} \times \frac{1}{53} = \frac{1}{2756}$ $\frac{1}{54} \times \frac{1}{55} = \frac{1}{2970}$ $\frac{1}{56} \times \frac{1}{57} = \frac{1}{3192}$ $\frac{1}{58} \times \frac{1}{59} = \frac{1}{3422}$ $\frac{1}{60} \times \frac{1}{61} = \frac{1}{3660}$

$\frac{1}{62} \times \frac{1}{63} = \frac{1}{3906}$ $\frac{1}{64} \times \frac{1}{65} = \frac{1}{4160}$ $\frac{1}{66} \times \frac{1}{67} = \frac{1}{4422}$ $\frac{1}{68} \times \frac{1}{69} = \frac{1}{4692}$ $\frac{1}{70} \times \frac{1}{71} = \frac{1}{4970}$

$\frac{1}{72} \times \frac{1}{73} = \frac{1}{5256}$ $\frac{1}{74} \times \frac{1}{75} = \frac{1}{5550}$ $\frac{1}{76} \times \frac{1}{77} = \frac{1}{5852}$ $\frac{1}{78} \times \frac{1}{79} = \frac{1}{6162}$ $\frac{1}{80} \times \frac{1}{81} = \frac{1}{6480}$

$\frac{1}{82} \times \frac{1}{83} = \frac{1}{6816}$ $\frac{1}{84} \times \frac{1}{85} = \frac{1}{7140}$ $\frac{1}{86} \times \frac{1}{87} = \frac{1}{7472}$ $\frac{1}{88} \times \frac{1}{89} = \frac{1}{7812}$ $\frac{1}{90} \times \frac{1}{91} = \frac{1}{8160}$

$\frac{1}{2} = \frac{1}{2} \cdot \frac{2}{2} = \frac{2}{4}$
 $\frac{1}{3} = \frac{1}{3} \cdot \frac{3}{3} = \frac{3}{9}$
 $\frac{1}{4} = \frac{1}{4} \cdot \frac{4}{4} = \frac{4}{16}$
 $\frac{1}{5} = \frac{1}{5} \cdot \frac{5}{5} = \frac{5}{25}$

$\frac{1}{6} = \frac{1}{6} \cdot \frac{6}{6} = \frac{6}{36}$
 $\frac{1}{7} = \frac{1}{7} \cdot \frac{7}{7} = \frac{7}{49}$
 $\frac{1}{8} = \frac{1}{8} \cdot \frac{8}{8} = \frac{8}{64}$
 $\frac{1}{9} = \frac{1}{9} \cdot \frac{9}{9} = \frac{9}{81}$

$\frac{1}{10} = \frac{1}{10} \cdot \frac{10}{10} = \frac{10}{100}$
 $\frac{1}{11} = \frac{1}{11} \cdot \frac{11}{11} = \frac{11}{121}$
 $\frac{1}{12} = \frac{1}{12} \cdot \frac{12}{12} = \frac{12}{144}$
 $\frac{1}{13} = \frac{1}{13} \cdot \frac{13}{13} = \frac{13}{169}$

$\frac{1}{14} = \frac{1}{14} \cdot \frac{14}{14} = \frac{14}{196}$
 $\frac{1}{15} = \frac{1}{15} \cdot \frac{15}{15} = \frac{15}{225}$
 $\frac{1}{16} = \frac{1}{16} \cdot \frac{16}{16} = \frac{16}{256}$
 $\frac{1}{17} = \frac{1}{17} \cdot \frac{17}{17} = \frac{17}{289}$

$\frac{1}{18} = \frac{1}{18} \cdot \frac{18}{18} = \frac{18}{324}$
 $\frac{1}{19} = \frac{1}{19} \cdot \frac{19}{19} = \frac{19}{361}$
 $\frac{1}{20} = \frac{1}{20} \cdot \frac{20}{20} = \frac{20}{400}$
 $\frac{1}{21} = \frac{1}{21} \cdot \frac{21}{21} = \frac{21}{441}$

$\frac{1}{22} = \frac{1}{22} \cdot \frac{22}{22} = \frac{22}{484}$
 $\frac{1}{23} = \frac{1}{23} \cdot \frac{23}{23} = \frac{23}{529}$
 $\frac{1}{24} = \frac{1}{24} \cdot \frac{24}{24} = \frac{24}{576}$
 $\frac{1}{25} = \frac{1}{25} \cdot \frac{25}{25} = \frac{25}{625}$

$\frac{1}{26} = \frac{1}{26} \cdot \frac{26}{26} = \frac{26}{676}$
 $\frac{1}{27} = \frac{1}{27} \cdot \frac{27}{27} = \frac{27}{729}$
 $\frac{1}{28} = \frac{1}{28} \cdot \frac{28}{28} = \frac{28}{784}$
 $\frac{1}{29} = \frac{1}{29} \cdot \frac{29}{29} = \frac{29}{841}$

$\frac{1}{30} = \frac{1}{30} \cdot \frac{30}{30} = \frac{30}{900}$
 $\frac{1}{31} = \frac{1}{31} \cdot \frac{31}{31} = \frac{31}{961}$
 $\frac{1}{32} = \frac{1}{32} \cdot \frac{32}{32} = \frac{32}{1024}$
 $\frac{1}{33} = \frac{1}{33} \cdot \frac{33}{33} = \frac{33}{1089}$

$\frac{1}{34} = \frac{1}{34} \cdot \frac{34}{34} = \frac{34}{1156}$
 $\frac{1}{35} = \frac{1}{35} \cdot \frac{35}{35} = \frac{35}{1225}$
 $\frac{1}{36} = \frac{1}{36} \cdot \frac{36}{36} = \frac{36}{1296}$
 $\frac{1}{37} = \frac{1}{37} \cdot \frac{37}{37} = \frac{37}{1369}$

8

$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt}$
 $= \frac{1}{2} m v \frac{dv}{dt}$

$\frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$
 $\frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$

...
 ...

...
 ...

Ἑωθινόν Πέμπλου
Ἄργον

ἐκ τῆς συλλογῆς Β.Ν.Κ.

2

Edward Norton

1870

for the Boston B.N.K.

1

Einige Beispiele

1. $\frac{1}{x^2} = x^{-2}$

2. $\frac{1}{x^3} = x^{-3}$

3. $\frac{1}{x^4} = x^{-4}$

4. $\frac{1}{x^5} = x^{-5}$

5. $\frac{1}{x^6} = x^{-6}$

6. $\frac{1}{x^7} = x^{-7}$

7. $\frac{1}{x^8} = x^{-8}$

8. $\frac{1}{x^9} = x^{-9}$

9. $\frac{1}{x^{10}} = x^{-10}$

10. $\frac{1}{x^{11}} = x^{-11}$

11. $\frac{1}{x^{12}} = x^{-12}$

12. $\frac{1}{x^{13}} = x^{-13}$

13. $\frac{1}{x^{14}} = x^{-14}$

14. $\frac{1}{x^{15}} = x^{-15}$

15. $\frac{1}{x^{16}} = x^{-16}$

16. $\frac{1}{x^{17}} = x^{-17}$

17. $\frac{1}{x^{18}} = x^{-18}$

18. $\frac{1}{x^{19}} = x^{-19}$

19. $\frac{1}{x^{20}} = x^{-20}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

1. $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$ $\frac{1}{3} \times \frac{2}{5} = \frac{2}{15}$ $\frac{1}{4} \times \frac{3}{5} = \frac{3}{20}$ $\frac{1}{5} \times \frac{2}{3} = \frac{2}{15}$ $\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$ $\frac{1}{7} \times \frac{1}{3} = \frac{1}{21}$ $\frac{1}{8} \times \frac{1}{4} = \frac{1}{32}$ $\frac{1}{9} \times \frac{1}{5} = \frac{1}{45}$ $\frac{1}{10} \times \frac{1}{6} = \frac{1}{60}$

2. $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{3} \times \frac{1}{4} = \frac{1}{12}$ $\frac{1}{4} \times \frac{1}{5} = \frac{1}{20}$ $\frac{1}{5} \times \frac{1}{6} = \frac{1}{30}$ $\frac{1}{6} \times \frac{1}{7} = \frac{1}{42}$ $\frac{1}{7} \times \frac{1}{8} = \frac{1}{56}$ $\frac{1}{8} \times \frac{1}{9} = \frac{1}{72}$ $\frac{1}{9} \times \frac{1}{10} = \frac{1}{90}$ $\frac{1}{10} \times \frac{1}{11} = \frac{1}{110}$

3. $\frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$ $\frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$ $\frac{1}{4} \times \frac{4}{5} = \frac{4}{20} = \frac{1}{5}$ $\frac{1}{5} \times \frac{5}{6} = \frac{5}{30} = \frac{1}{6}$ $\frac{1}{6} \times \frac{6}{7} = \frac{6}{42} = \frac{1}{7}$ $\frac{1}{7} \times \frac{7}{8} = \frac{7}{56} = \frac{1}{8}$ $\frac{1}{8} \times \frac{8}{9} = \frac{8}{72} = \frac{1}{9}$ $\frac{1}{9} \times \frac{9}{10} = \frac{9}{90} = \frac{1}{10}$

4. $\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$ $\frac{1}{3} \times \frac{4}{7} = \frac{4}{21}$ $\frac{1}{4} \times \frac{5}{9} = \frac{5}{36}$ $\frac{1}{5} \times \frac{6}{11} = \frac{6}{55}$ $\frac{1}{6} \times \frac{7}{13} = \frac{7}{78}$ $\frac{1}{7} \times \frac{8}{17} = \frac{8}{119}$ $\frac{1}{8} \times \frac{9}{19} = \frac{9}{152}$ $\frac{1}{9} \times \frac{10}{23} = \frac{10}{207}$

5. $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$ $\frac{1}{3} \times \frac{1}{6} = \frac{1}{18}$ $\frac{1}{4} \times \frac{1}{8} = \frac{1}{32}$ $\frac{1}{5} \times \frac{1}{10} = \frac{1}{50}$ $\frac{1}{6} \times \frac{1}{12} = \frac{1}{72}$ $\frac{1}{7} \times \frac{1}{14} = \frac{1}{98}$ $\frac{1}{8} \times \frac{1}{16} = \frac{1}{128}$ $\frac{1}{9} \times \frac{1}{18} = \frac{1}{162}$

6. $\frac{1}{2} \times \frac{2}{5} = \frac{2}{10} = \frac{1}{5}$ $\frac{1}{3} \times \frac{3}{7} = \frac{3}{21} = \frac{1}{7}$ $\frac{1}{4} \times \frac{4}{9} = \frac{4}{36} = \frac{1}{9}$ $\frac{1}{5} \times \frac{5}{11} = \frac{5}{55} = \frac{1}{11}$ $\frac{1}{6} \times \frac{6}{13} = \frac{6}{78} = \frac{1}{13}$ $\frac{1}{7} \times \frac{7}{15} = \frac{7}{105} = \frac{1}{15}$ $\frac{1}{8} \times \frac{8}{17} = \frac{8}{136} = \frac{1}{17}$ $\frac{1}{9} \times \frac{9}{19} = \frac{9}{171} = \frac{1}{19}$

7. $\frac{1}{2} \times \frac{3}{7} = \frac{3}{14}$ $\frac{1}{3} \times \frac{4}{9} = \frac{4}{27}$ $\frac{1}{4} \times \frac{5}{11} = \frac{5}{44}$ $\frac{1}{5} \times \frac{6}{13} = \frac{6}{65}$ $\frac{1}{6} \times \frac{7}{17} = \frac{7}{102}$ $\frac{1}{7} \times \frac{8}{19} = \frac{8}{133}$ $\frac{1}{8} \times \frac{9}{23} = \frac{9}{184}$ $\frac{1}{9} \times \frac{10}{25} = \frac{10}{225} = \frac{2}{45}$

8. $\frac{1}{2} \times \frac{1}{5} = \frac{1}{10}$ $\frac{1}{3} \times \frac{1}{8} = \frac{1}{24}$ $\frac{1}{4} \times \frac{1}{11} = \frac{1}{44}$ $\frac{1}{5} \times \frac{1}{14} = \frac{1}{70}$ $\frac{1}{6} \times \frac{1}{17} = \frac{1}{102}$ $\frac{1}{7} \times \frac{1}{20} = \frac{1}{140}$ $\frac{1}{8} \times \frac{1}{23} = \frac{1}{184}$ $\frac{1}{9} \times \frac{1}{26} = \frac{1}{234}$

9. $\frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$ $\frac{1}{3} \times \frac{3}{10} = \frac{3}{30} = \frac{1}{10}$ $\frac{1}{4} \times \frac{4}{13} = \frac{4}{52} = \frac{1}{13}$ $\frac{1}{5} \times \frac{5}{16} = \frac{5}{80} = \frac{1}{16}$ $\frac{1}{6} \times \frac{6}{19} = \frac{6}{114} = \frac{1}{19}$ $\frac{1}{7} \times \frac{7}{22} = \frac{7}{154} = \frac{1}{22}$ $\frac{1}{8} \times \frac{8}{25} = \frac{8}{200} = \frac{1}{25}$ $\frac{1}{9} \times \frac{9}{28} = \frac{9}{252} = \frac{1}{28}$

8

$$\frac{1}{2} \frac{d^2 z}{dt^2} = - \frac{g}{R^2} z$$

$$\frac{d^2 z}{dt^2} + \frac{2g}{R} z = 0$$

$$z(t) = A \cos(\omega t) + B \sin(\omega t)$$

$$\omega = \sqrt{\frac{2g}{R}}$$

$$z(0) = R \Rightarrow A = R$$

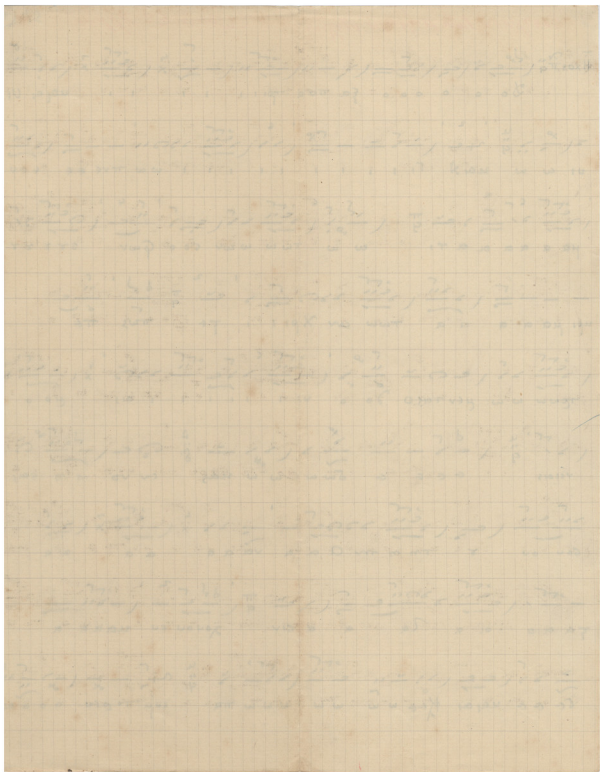
$$z(0) = 0 \Rightarrow B = 0$$

$$z(t) = R \cos(\omega t)$$

$$v(t) = -R \omega \sin(\omega t)$$

$$a(t) = -R \omega^2 \cos(\omega t)$$

$$a(0) = -g$$



Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

Handwritten musical notation on a staff, including notes, rests, and clefs.

The first part of the paper is devoted to a general
 consideration of the subject. It is shown that the
 results of the experiments are in agreement with
 the theoretical predictions. The following table
 gives a summary of the results. The first column
 contains the values of the parameter α , the second
 column the values of the parameter β , and the third
 column the values of the parameter γ . The values
 of the parameters are given in the following table.

α	β	γ
0.1	0.2	0.3
0.2	0.4	0.5
0.3	0.6	0.7
0.4	0.8	0.9
0.5	1.0	1.1
0.6	1.2	1.3
0.7	1.4	1.5
0.8	1.6	1.7
0.9	1.8	1.9
1.0	2.0	2.1

The results of the experiments are in agreement
 with the theoretical predictions. The following
 table gives a summary of the results. The first
 column contains the values of the parameter α ,
 the second column the values of the parameter β ,
 and the third column the values of the parameter
 γ . The values of the parameters are given in
 the following table.

α	β	γ
0.1	0.2	0.3
0.2	0.4	0.5
0.3	0.6	0.7
0.4	0.8	0.9
0.5	1.0	1.1
0.6	1.2	1.3
0.7	1.4	1.5
0.8	1.6	1.7
0.9	1.8	1.9
1.0	2.0	2.1

The results of the experiments are in agreement
 with the theoretical predictions. The following
 table gives a summary of the results. The first
 column contains the values of the parameter α ,
 the second column the values of the parameter β ,
 and the third column the values of the parameter
 γ . The values of the parameters are given in
 the following table.

α	β	γ
0.1	0.2	0.3
0.2	0.4	0.5
0.3	0.6	0.7
0.4	0.8	0.9
0.5	1.0	1.1
0.6	1.2	1.3
0.7	1.4	1.5
0.8	1.6	1.7
0.9	1.8	1.9
1.0	2.0	2.1

[Faint, illegible handwriting on lined paper]

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Μουσική Αποστολή
Βαρθολομαίου Κωνσταντίνου

Ξωδινοί Μετα. Ωλενοσφινίον

8^{or}

Αντιγράφη
8 Σεπτεμβρίου 1961

B. N. K

[Faint, illegible handwriting on aged, stained paper]

Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

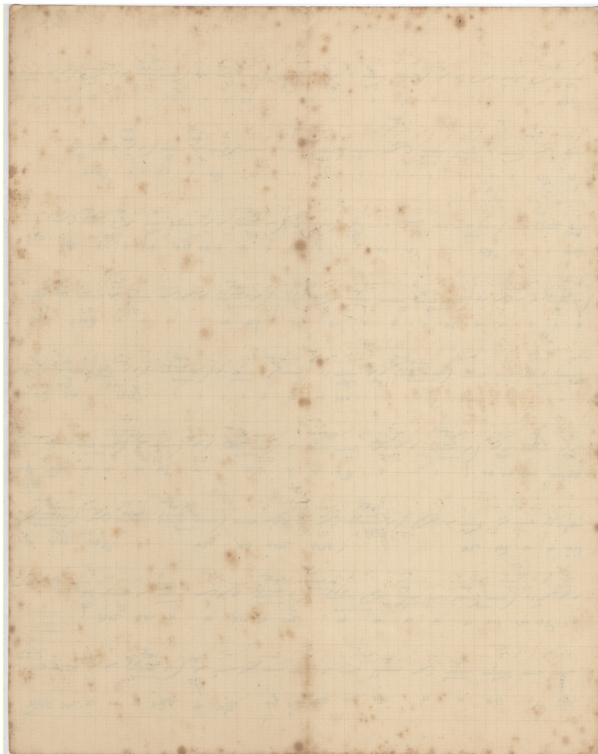
Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

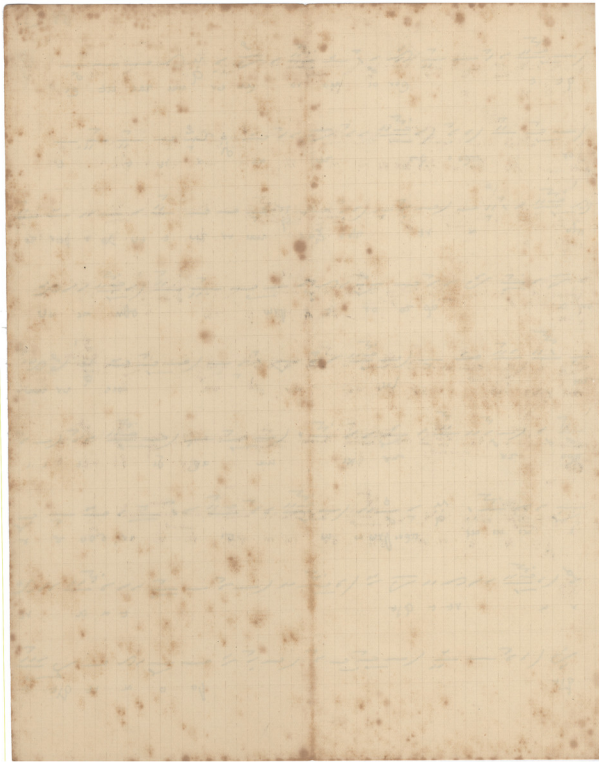
Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.

Handwritten musical notation on a single staff, featuring rhythmic patterns and various note values.





Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Handwritten musical notation on a staff with notes and stems. Below the staff are the numbers 10, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Ευθύων 8. Μπύον

ΤΗΧΟΑ ΠΑ

Αλληλεπὶ
N.T.B.

N.A.K.

1. $\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

2. $\frac{2}{3} - \frac{1}{4} = \frac{8}{12} - \frac{3}{12} = \frac{5}{12}$

3. $\frac{3}{4} \times \frac{2}{5} = \frac{3 \times 2}{4 \times 5} = \frac{6}{20} = \frac{3}{10}$

4. $\frac{1}{5} \div \frac{2}{3} = \frac{1}{5} \times \frac{3}{2} = \frac{3}{10}$

5. $\frac{4}{7} + \frac{1}{2} = \frac{8}{14} + \frac{7}{14} = \frac{15}{14}$

6. $\frac{5}{6} - \frac{1}{3} = \frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$

7. $\frac{2}{3} \times \frac{3}{4} = \frac{2 \times 3}{3 \times 4} = \frac{6}{12} = \frac{1}{2}$

8. $\frac{3}{5} \div \frac{1}{2} = \frac{3}{5} \times \frac{2}{1} = \frac{6}{5}$

9. $\frac{1}{4} + \frac{3}{8} = \frac{2}{8} + \frac{3}{8} = \frac{5}{8}$

4/23

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2)$
 $\frac{1}{2} \frac{d}{dt} (v^2) = v_x \frac{dv_x}{dt} + v_y \frac{dv_y}{dt} + v_z \frac{dv_z}{dt}$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$
 $\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$
 $\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$
 $\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$
 $\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$
 $\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$

$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$
 $\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v^2)$

Velocity components

initial

acceleration

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes, rests, and bar lines. The text below the staff is mirrored and appears to be bleed-through from the reverse side of the page.

Handwritten musical notation on a staff, including notes and clefs.

Handwritten musical notation on a staff, including notes and clefs.

Handwritten musical notation on a staff, including notes and clefs.

Handwritten musical notation on a staff, including notes and clefs.

Handwritten musical notation on a staff, including notes and clefs.

Handwritten musical notation on a staff, including notes and clefs.

Handwritten musical notation on a staff, including notes and clefs.

Μουσική
Μηχανή τ. Χαρισμάτων
Σολύποδον
Νικολάου Γ. Βλαχουδάου

Σύντομον

Ἐωδιόν Εὐν. «Σύντομον.»

Ἀνεκδόχην

τῆς 9 Σεπτεμβρίου 1961

M.A.K.

1. $\frac{1}{x^2} = x^{-2}$
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2. $\frac{1}{x^3} = x^{-3}$
 $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

3. $\frac{1}{x^4} = x^{-4}$
 $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

4. $\frac{1}{x^5} = x^{-5}$
 $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

5. $\frac{1}{x^6} = x^{-6}$
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6. $\frac{1}{x^7} = x^{-7}$
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7. $\frac{1}{x^8} = x^{-8}$
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8. $\frac{1}{x^9} = x^{-9}$
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9. $\frac{1}{x^{10}} = x^{-10}$
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

voos wwww mi l l l l λεις υ ο μι λων

α ο ου ε ε ε ε υ θ ε ε ε ε ω ε ε ε α αυ το ο ο ου

β α α υ ε ε ε ρ ο ι σ Δι ο ο ο υ ο ο ο ο ναι α δι l l l l

z n n w i m o n o s i n d r a u w w n e n l l l e p o r x x σ α α α λ n n

n n n η υ μ η η με τ ε ε ε ε χ ω ω ν τ ω ν ε ν τ ε ε λ α

ε ε ε x λ ε υ μ α α α α τ ω ω ω ν α ν τ η η η η η η λ η η η η

n n n n n n n s Αλλο μα α α ν τ α π ρ ο σ τ ο ρ ε π λ α α

σ μ α α α α τ ο ς σ υ μ β ε ε ε ε ε ε ε ρ ο ο ν ο ι α ι η ο ν ο ο μ ω ω ν

υ γ α τ η π ε ρ ι ο ε ε π ρ ο ο β η η η τ ε ι α ι ε ω α ι α λ x υ ε ε ε

1890

James A. Thompson

James A. Thompson

1890

James A. Thompson
1890

James A. Thompson
1890

James A. Thompson
1890

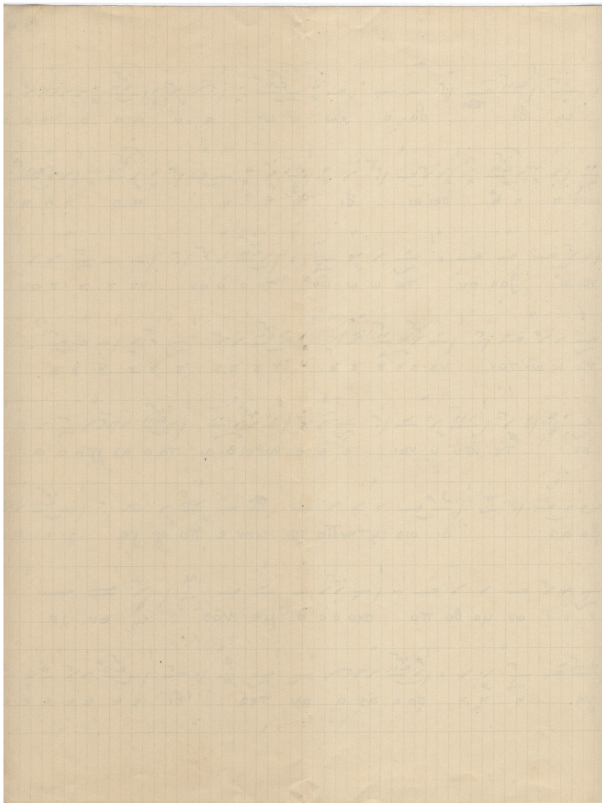
James A. Thompson
1890

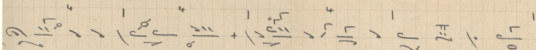
James A. Thompson
1890

James A. Thompson
1890

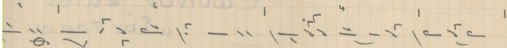
James A. Thompson
1890

[Faint, illegible handwriting on lined paper, possibly bleed-through from the reverse side.]

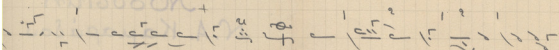




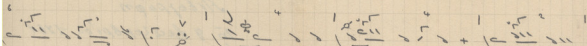
 ζη η ηη ηηη προς ου ου ου ρα α α α α α νον




 ο ο ο ο ο ου α αυ τοι οι οι οι οι οι οι



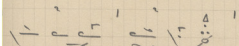
 οι οι οι οι οι οι οι οίς προ σου να χ χ με ε



 ε ε ε ε ε ν σε Κυ υ υ υ ρι ι ι ε δο ο ο ο



 ο ο ο α α α α α α α α α α α



 σοι οι οι οι

Ἑωθινὸν ἕκτον
Σύντομον

Μουσική
Ληξέως Α. Καμαράδου

Ἑωθινὸν ἔκτυον
«Σύντομον»

Μουσική
Ν. Α. Καμαράδου

Ἀλεξάνδρην
τῆ 9 Σεπτεμβρίου 1961

κ.τ.β.

Ἑωθινὸν ἔκτυον
Σύντομον

Μουσική
Ν. Α. Καμαράδου

Handwritten text at the top of the page, possibly a title or header.

Handwritten text in the second section of the page.

Handwritten text in the third section of the page.

Handwritten text in the fourth section of the page.

Handwritten text in the fifth section of the page.

Handwritten text in the sixth section of the page.

Handwritten text in the seventh section of the page.

Handwritten text in the eighth section of the page.

Handwritten text in the ninth section of the page.

1. $\frac{1}{x^2} = x^{-2}$
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

2. $\frac{1}{x^3} = x^{-3}$
 $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

3. $\frac{1}{x^4} = x^{-4}$
 $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

4. $\frac{1}{x^5} = x^{-5}$
 $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

5. $\frac{1}{x^6} = x^{-6}$
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6. $\frac{1}{x^7} = x^{-7}$
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7. $\frac{1}{x^8} = x^{-8}$
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8. $\frac{1}{x^9} = x^{-9}$
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9. $\frac{1}{x^{10}} = x^{-10}$
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

1. The first part of the paper is devoted to a general discussion of the problem.

2. In the second part we shall consider the case of a homogeneous medium.

3. The third part is devoted to the study of the properties of the solutions.

4. In the fourth part we shall discuss the asymptotic behavior of the solutions.

5. The fifth part is devoted to the study of the stability of the solutions.

6. In the sixth part we shall consider the case of an inhomogeneous medium.

7. The seventh part is devoted to the study of the properties of the solutions.

8. In the eighth part we shall discuss the asymptotic behavior of the solutions.

9. The ninth part is devoted to the study of the stability of the solutions.

10. In the tenth part we shall consider the case of an inhomogeneous medium.

11. The eleventh part is devoted to the study of the properties of the solutions.