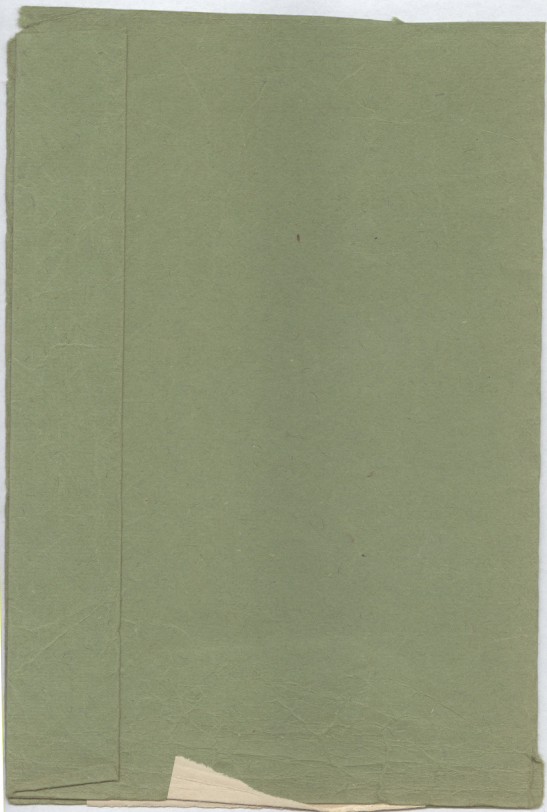


Dr. J. W. Brown





Στοιχειώδεις ἀριθμοί

102

102

102 = 2 × 3 × 17
 102 = 6 × 17
 102 = 34 × 3
 102 = 17 × 6

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102 = 2 × 3 × 17
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 102 = 17 × 6

102 = 2 × 3 × 17
 102 = 6 × 17
 102 = 34 × 3
 102 = 17 × 6

$$\frac{1}{2} - \frac{1}{4} = \frac{1}{4} \quad \frac{1}{4} - \frac{1}{8} = \frac{1}{8} \quad \frac{1}{8} - \frac{1}{16} = \frac{1}{16} \quad \frac{1}{16} - \frac{1}{32} = \frac{1}{32}$$

$$\frac{1}{4} - \frac{1}{8} = \frac{1}{8} \quad \frac{1}{8} - \frac{1}{16} = \frac{1}{16} \quad \frac{1}{16} - \frac{1}{32} = \frac{1}{32} \quad \frac{1}{32} - \frac{1}{64} = \frac{1}{64}$$

$$\frac{1}{8} - \frac{1}{16} = \frac{1}{16} \quad \frac{1}{16} - \frac{1}{32} = \frac{1}{32} \quad \frac{1}{32} - \frac{1}{64} = \frac{1}{64} \quad \frac{1}{64} - \frac{1}{128} = \frac{1}{128}$$

$$\frac{1}{16} - \frac{1}{32} = \frac{1}{32} \quad \frac{1}{32} - \frac{1}{64} = \frac{1}{64} \quad \frac{1}{64} - \frac{1}{128} = \frac{1}{128} \quad \frac{1}{128} - \frac{1}{256} = \frac{1}{256}$$

$$\frac{1}{32} - \frac{1}{64} = \frac{1}{64} \quad \frac{1}{64} - \frac{1}{128} = \frac{1}{128} \quad \frac{1}{128} - \frac{1}{256} = \frac{1}{256} \quad \frac{1}{256} - \frac{1}{512} = \frac{1}{512}$$

$$\frac{1}{64} - \frac{1}{128} = \frac{1}{128} \quad \frac{1}{128} - \frac{1}{256} = \frac{1}{256} \quad \frac{1}{256} - \frac{1}{512} = \frac{1}{512} \quad \frac{1}{512} - \frac{1}{1024} = \frac{1}{1024}$$

$$\frac{1}{128} - \frac{1}{256} = \frac{1}{256} \quad \frac{1}{256} - \frac{1}{512} = \frac{1}{512} \quad \frac{1}{512} - \frac{1}{1024} = \frac{1}{1024} \quad \frac{1}{1024} - \frac{1}{2048} = \frac{1}{2048}$$

$$\frac{1}{2048} - \frac{1}{4096} = \frac{1}{4096} \quad \frac{1}{4096} - \frac{1}{8192} = \frac{1}{8192} \quad \frac{1}{8192} - \frac{1}{16384} = \frac{1}{16384}$$

Handwritten musical notation with notes and stems on a five-line staff.

Handwritten musical notation with notes and stems on a five-line staff.

Δ Μουσία

Handwritten musical notation with notes and stems on a five-line staff.

Handwritten musical notation with notes and stems on a five-line staff.

B

Handwritten musical notation with notes and stems on a five-line staff.

Handwritten musical notation with notes and stems on a five-line staff.

K

Handwritten musical notation with notes and stems on a five-line staff.

Κατάξ.

N

Handwritten musical notation with notes and stems on a five-line staff.

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The

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Херсонский уезд

№ 1

1864

1864

Всего в уезде 1864

1864

1864

1864

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1864

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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 a quantum
 tunneling process. The probability of this process is calculated by means of the WKB method.
 The result is that the probability of α -decay is proportional to $\exp(-2\pi Z_1 Z_2 e^2 / \hbar v)$,
 where Z_1 and Z_2 are the charges of the α -particle and the nucleus, respectively, and v is the
 velocity of the α -particle. This result is in good agreement with the experimental data.

In the second part of the paper, the theory of the β -decay is discussed. It is shown that the
 β -particle is emitted from the nucleus as a result of a transition of a nucleon from a
 higher energy state to a lower energy state. The probability of this process is calculated
 by means of the Fermi theory. The result is that the probability of β -decay is proportional
 to G^2 , where G is the Fermi constant. This result is in good agreement with the experimental
 data.

The third part of the paper is devoted to a discussion of the γ -decay. It is shown that the
 γ -ray is emitted from the nucleus as a result of a transition of a nucleon from a higher
 energy state to a lower energy state. The probability of this process is calculated by means
 of the Fermi theory. The result is that the probability of γ -decay is proportional to G^2 ,
 where G is the Fermi constant. This result is in good agreement with the experimental data.

The fourth part of the paper is devoted to a discussion of the μ -decay. It is shown that the
 μ -particle is emitted from the nucleus as a result of a transition of a nucleon from a higher
 energy state to a lower energy state. The probability of this process is calculated by means
 of the Fermi theory. The result is that the probability of μ -decay is proportional to G^2 ,
 where G is the Fermi constant. This result is in good agreement with the experimental data.

The fifth part of the paper is devoted to a discussion of the ν -decay. It is shown that the
 ν -particle is emitted from the nucleus as a result of a transition of a nucleon from a higher
 energy state to a lower energy state. The probability of this process is calculated by means
 of the Fermi theory. The result is that the probability of ν -decay is proportional to G^2 ,
 where G is the Fermi constant. This result is in good agreement with the experimental data.

N

Handwritten musical notation with notes and stems.

A

Handwritten musical notation with notes and stems.

B

π

Handwritten musical notation with notes and stems.

N

A

Handwritten musical notation with notes and stems.

N

Handwritten musical notation with notes and stems.

Handwritten musical notation with notes and stems.

N

Handwritten musical notation with notes and stems.

Handwritten musical notation with notes and stems.

Handwritten musical notation with notes and stems.

Μουσική
Γρηγόριος Α. Καπαρδής
1982

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. $\frac{3}{5} \times \frac{2}{7} = \frac{3 \times 2}{5 \times 7} = \frac{6}{35}$

4. $\frac{4}{7} \div \frac{2}{3} = \frac{4}{7} \times \frac{3}{2} = \frac{12}{14} = \frac{6}{7}$

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

6. $\frac{3}{4} - \frac{1}{3} = \frac{9}{12} - \frac{4}{12} = \frac{5}{12}$

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

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

9. $\frac{3}{7} + \frac{2}{3} = \frac{6}{21} + \frac{14}{21} = \frac{20}{21}$

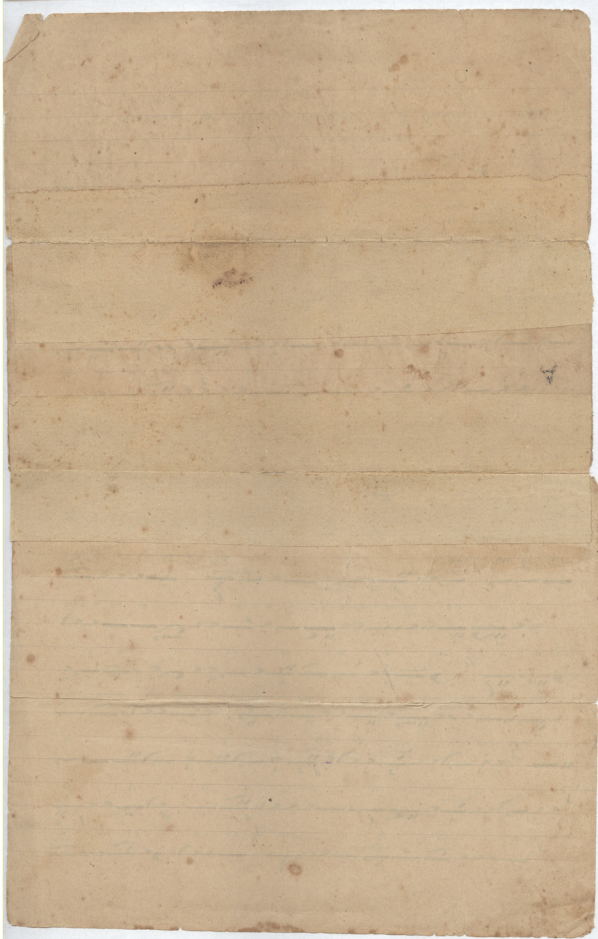
Χρονίου

Μεσομάνδρ' ασα' Νιυγίων Αωαρίο' α' γ' α' β' γ' δ' ε' ζ' η' θ' ι' κ' λ' μ' ν' ξ' ο' π' ρ' σ' τ' υ' φ' χ' ψ' ω' α' β' γ' δ' ε' ζ' η' θ' ι' κ' λ' μ' ν' ξ' ο' π' ρ' σ' τ' υ' φ' χ' ψ' ω'

ΗΧΟΣ ΒΑΡΥΣ

α

The musical notation consists of ten staves of music. Each staff begins with a clef and contains a series of notes and rests. Below the notes are rhythmic values, often written as '10' or '01'. The notation includes various musical symbols such as beams, slurs, and accidentals. There are several annotations in the margins, including the number '22' appearing multiple times, and some letters like 'α', 'β', 'γ', 'δ', 'ε', 'ζ', 'η', 'θ', 'ι', 'κ', 'λ', 'μ', 'ν', 'ξ', 'ο', 'π', 'ρ', 'σ', 'τ', 'υ', 'φ', 'χ', 'ψ', 'ω'. The paper shows signs of age, with some staining and a slightly uneven texture.



Χερσβιμόρ ήχος βαρύς.

τῷ Νικολάει

Μιόχας Ἰωαννίδης, ὁ ἐν
Κεοκρείου τοῦ Βοσπόρου

1839 - 1883

(13)

N.T.B.

H xoc 2w

2
01 01
Handwritten musical notation on a staff.

Handwritten musical notation on a staff.

Handwritten musical notation on a staff.

F
Handwritten musical notation on a staff.

N
Handwritten musical notation on a staff.

X
Handwritten musical notation on a staff.

Handwritten musical notation on a staff.

X
Handwritten musical notation on a staff.

X
Handwritten musical notation on a staff.

1872
The first of the year
was a very cold one
and the snow lay
on the ground for
many days. The
frost was very
severe and the
wind was very
strong. The
people were
very much
concerned
for the
crops. The
government
sent out
a large
quantity
of seed
to the
people.
The
people
were
very
grateful
for
it.

Handwritten musical notation on a staff, including notes and rests. Includes a large 'F' at the beginning and a '+' sign.

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

Handwritten musical notation on a staff, including notes and rests. Includes a large 'L' and a '2' above the staff.

Handwritten musical notation on a staff, including notes and rests. Includes a large 'F' and a '2' above the staff.

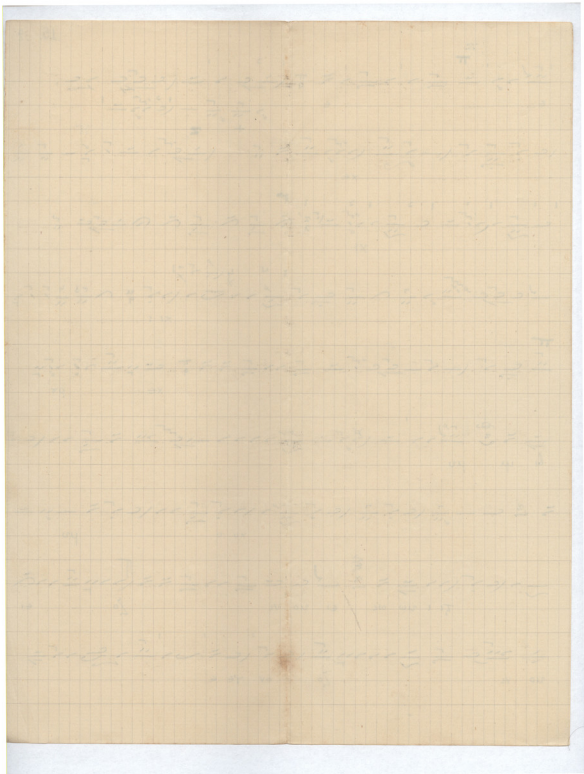
Handwritten musical notation on a staff, including notes and rests. Includes a large 'F' and a '2' above the staff.

Handwritten musical notation on a staff, including notes and rests. Includes a large 'F' and a '2' above the staff.

Handwritten musical notation on a staff, including notes and rests. Includes a large 'F' and a '2' above the staff.

Handwritten musical notation on a staff, including notes and rests. Includes a large 'F' and a '2' above the staff.

Handwritten musical notation on a staff, including notes and rests. Includes a large 'F' and a '2' above the staff.



N

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'nai' written below the staff.

F

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'w' written below the staff.

F

A

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'oi' written below the staff.

oi

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'oi' written below the staff.

A

oi

oi

N

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'a' written below the staff.

a

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'a' written below the staff.

a

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'a' written below the staff.

a

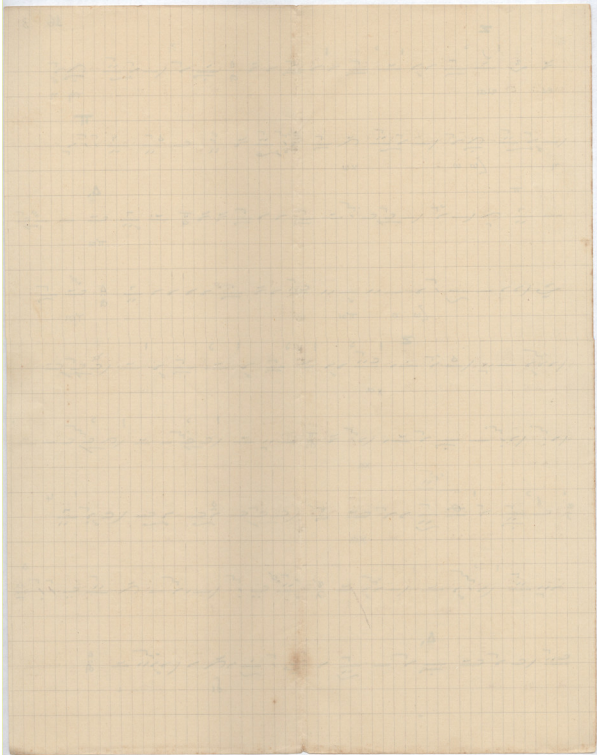
Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'a' written below the staff.

A

A

Handwritten musical notation on a staff with various notes and rests. Includes the number '2' and the word 'a' written below the staff.

A



2
τοὺς ἄγγελοι αὐτοῦ
τοὺς ἄγγελοι αὐτοῦ

οὐκ ἔσονται ἐναντίον αὐτοῦ
οὐκ ἔσονται ἐναντίον αὐτοῦ

καὶ οἱ ἄγγελοι αὐτοῦ
καὶ οἱ ἄγγελοι αὐτοῦ

καὶ οἱ ἄγγελοι αὐτοῦ
καὶ οἱ ἄγγελοι αὐτοῦ

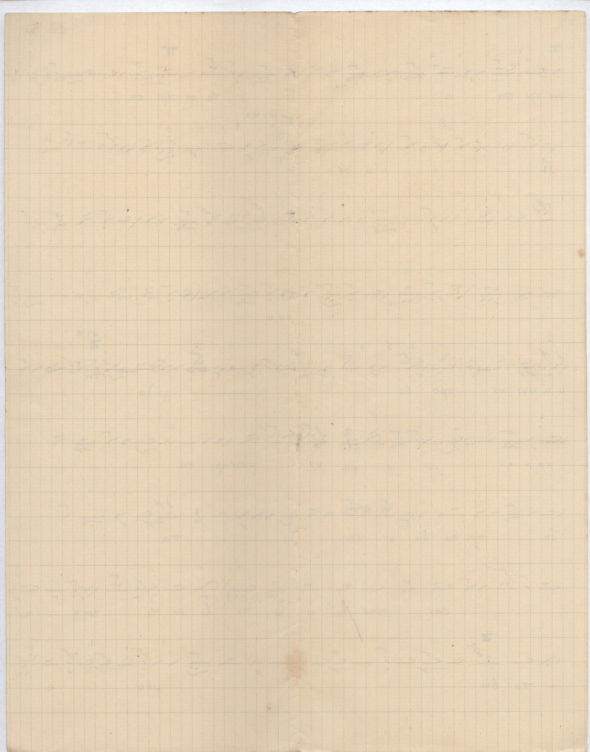
καὶ οἱ ἄγγελοι αὐτοῦ
καὶ οἱ ἄγγελοι αὐτοῦ

καὶ οἱ ἄγγελοι αὐτοῦ
καὶ οἱ ἄγγελοι αὐτοῦ

καὶ οἱ ἄγγελοι αὐτοῦ
καὶ οἱ ἄγγελοι αὐτοῦ

καὶ οἱ ἄγγελοι αὐτοῦ
καὶ οἱ ἄγγελοι αὐτοῦ

καὶ οἱ ἄγγελοι αὐτοῦ
καὶ οἱ ἄγγελοι αὐτοῦ



Handwritten musical notation on a staff, including notes, rests, and a double bar line. A small 'a' is written below the staff.

Handwritten musical notation on a staff, including notes, rests, and a double bar line. A triangle symbol is above the staff, and a 'u' is below it.

Handwritten musical notation on a staff, including notes, rests, and a double bar line. A 'H' is written above the staff.

Handwritten musical notation on a staff, including notes, rests, and a double bar line. A 'Z' is written above the staff.

Handwritten musical notation on a staff, including notes, rests, and a double bar line. A triangle symbol is above the staff, and a 'Z' is written above the staff.

Handwritten musical notation on a staff, including notes, rests, and a double bar line. A 'u' is written below the staff.

