

Εἰς Ἀριστὸν τὸ 1^ο
Νῦν τὸ ἔπιτοσίον

2011

K. W. M. A. K.

W. T. B. K. O. I. T. O. S.

Κεφάλαιο 3ο Συναρτήσεις

1. Η συνάρτηση $f(x) = \frac{1}{x}$ είναι...

2. Η συνάρτηση $f(x) = \frac{1}{x^2}$ είναι...

3. Η συνάρτηση $f(x) = \frac{1}{x^3}$ είναι...

4. Η συνάρτηση $f(x) = \frac{1}{x^4}$ είναι...

5. Η συνάρτηση $f(x) = \frac{1}{x^5}$ είναι...

6. Η συνάρτηση $f(x) = \frac{1}{x^6}$ είναι...

7. Η συνάρτηση $f(x) = \frac{1}{x^7}$ είναι...

8. Η συνάρτηση $f(x) = \frac{1}{x^8}$ είναι...

9. Η συνάρτηση $f(x) = \frac{1}{x^9}$ είναι...

10. Η συνάρτηση $f(x) = \frac{1}{x^{10}}$ είναι...

Handwritten musical notation with notes and stems, including the word "EUT" written vertically.

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

Handwritten text block, likely the first paragraph of a letter or document.

Handwritten text block, likely the second paragraph.

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Handwritten text block, likely the fifth paragraph.

Handwritten text block, likely the sixth paragraph.

Handwritten text block, likely the seventh paragraph.

Handwritten text block, likely the eighth paragraph.

Handwritten text block, likely the ninth paragraph.

Handwritten text block at the bottom of the page, possibly a closing or signature.

Επί Αριζόνας 1948

Επί Τόποδων 18 Σεπτεμβρίου 1948

Ο ΕΛΛΗΝΙΚΟΣ ΕΠΙΣΤΗΜΟΝΙΚΟΣ ΣΥΝΔΕΣΜΟΣ

ΕΠΙΣΤΗΜΟΝΙΚΟ ΔΕΛΤΙΟ ΤΟΥ ΕΛΛΗΝΙΚΟΥ ΕΠΙΣΤΗΜΟΝΙΚΟΥ ΣΥΝΔΕΣΜΟΥ

ΤΟΜΟΣ Β' ΑΡΧΗ 1

ΑΠΡΙΛΙΟΣ 1948

ΕΚΔΟΣΗ ΤΗΣ ΕΠΙΣΤΗΜΟΝΙΚΗΣ ΕΚΔΟΣΕΩΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΚΔΟΣΗ

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ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΚΔΟΣΗ

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Handwritten musical notation on a staff with notes and rests.

Karaj.

Handwritten musical notation on a staff with notes and rests.

Handwritten blue letter 'H'.

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Handwritten blue letter 'D'.

Handwritten musical notation on a staff with notes and rests.

Handwritten blue letter 'B'.

Handwritten blue letter 'K'.

Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.

Handwritten blue letter 'K'.

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.

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

$\frac{1}{4} + \frac{1}{5} = \frac{5}{20} + \frac{4}{20} = \frac{9}{20}$

$\frac{1}{6} + \frac{1}{8} = \frac{4}{24} + \frac{3}{24} = \frac{7}{24}$

$\frac{1}{10} + \frac{1}{15} = \frac{3}{30} + \frac{2}{30} = \frac{5}{30} = \frac{1}{6}$

$\frac{1}{12} + \frac{1}{18} = \frac{3}{36} + \frac{2}{36} = \frac{5}{36}$

$\frac{1}{20} + \frac{1}{25} = \frac{5}{100} + \frac{4}{100} = \frac{9}{100}$

$\frac{1}{30} + \frac{1}{40} = \frac{4}{120} + \frac{3}{120} = \frac{7}{120}$

$\frac{1}{40} + \frac{1}{50} = \frac{5}{200} + \frac{4}{200} = \frac{9}{200}$

$\frac{1}{50} + \frac{1}{60} = \frac{6}{300} + \frac{5}{300} = \frac{11}{300}$

$\frac{1}{60} + \frac{1}{70} = \frac{7}{420} + \frac{6}{420} = \frac{13}{420}$

Handwritten notes at the top of the page, including the word "Kafay" and some illegible scribbles.

Handwritten notes in the second section, featuring the word "Kafay" and various symbols.

Handwritten notes in the third section, including the word "Kafay" and some illegible text.

Handwritten notes in the fourth section, featuring the word "Kafay" and some illegible text.

Handwritten notes in the fifth section, including the word "Kafay" and some illegible text.

Handwritten notes in the sixth section, featuring the word "Kafay" and some illegible text.

Handwritten notes in the seventh section, including the word "Kafay" and some illegible text.

Handwritten notes in the eighth section, featuring the word "Kafay" and some illegible text.

Handwritten notes in the ninth section, including the word "Kafay" and some illegible text.

Handwritten notes in the tenth section, featuring the word "Kafay" and some illegible text.

Handwritten notes at the bottom of the page, including the word "Kafay" and some illegible text.

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

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

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

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

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

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

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

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

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

$\frac{1}{x^{11}} = x^{-11}$
 $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{13}}$

Handwritten text at the top of the page, possibly a title or header, written in a cursive script.

Main body of handwritten text, consisting of several lines of cursive script. The text is dense and appears to be a detailed calculation or a series of related statements. The ink is dark and the handwriting is consistent throughout the page.

Handwritten musical notation with notes and stems, including a treble clef and a key signature of one flat.

Karax

Handwritten musical notation, continuing the piece with various note values and rests.

Handwritten musical notation, featuring a square symbol above the staff and complex rhythmic patterns.

Handwritten musical notation with notes and stems, including a treble clef and a key signature of one flat.

Handwritten musical notation with notes and stems, including a treble clef and a key signature of one flat.

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Karax

Handwritten musical notation with notes and stems, including a treble clef and a key signature of one flat.

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

Handwritten text block, likely containing mathematical definitions or initial steps of a proof.

Handwritten text block, continuing the mathematical discussion.

Handwritten text block, possibly a lemma or a key step in the argument.

Handwritten text block, showing further mathematical derivations.

Handwritten text block, containing more mathematical reasoning.

Handwritten text block, possibly a corollary or a specific example.

Handwritten text block, continuing the text.

Handwritten text block, showing further mathematical work.

Handwritten text at the bottom of the page, possibly a conclusion or final remarks.

$\frac{1}{x} + \frac{1}{x^2} + \frac{1}{x^3} + \dots$
x x x x x x x x x x x x

$\frac{1}{x^2} + \frac{1}{x^3} + \frac{1}{x^4} + \dots$
x x x x x x x x x x x x

$\frac{1}{x^3} + \frac{1}{x^4} + \frac{1}{x^5} + \dots$
x x x x x x x x x x x x

$\frac{1}{x^4} + \frac{1}{x^5} + \frac{1}{x^6} + \dots$
x x x x x x x x x x x x

$\frac{1}{x^5} + \frac{1}{x^6} + \frac{1}{x^7} + \dots$
x x x x x x x x x x x x

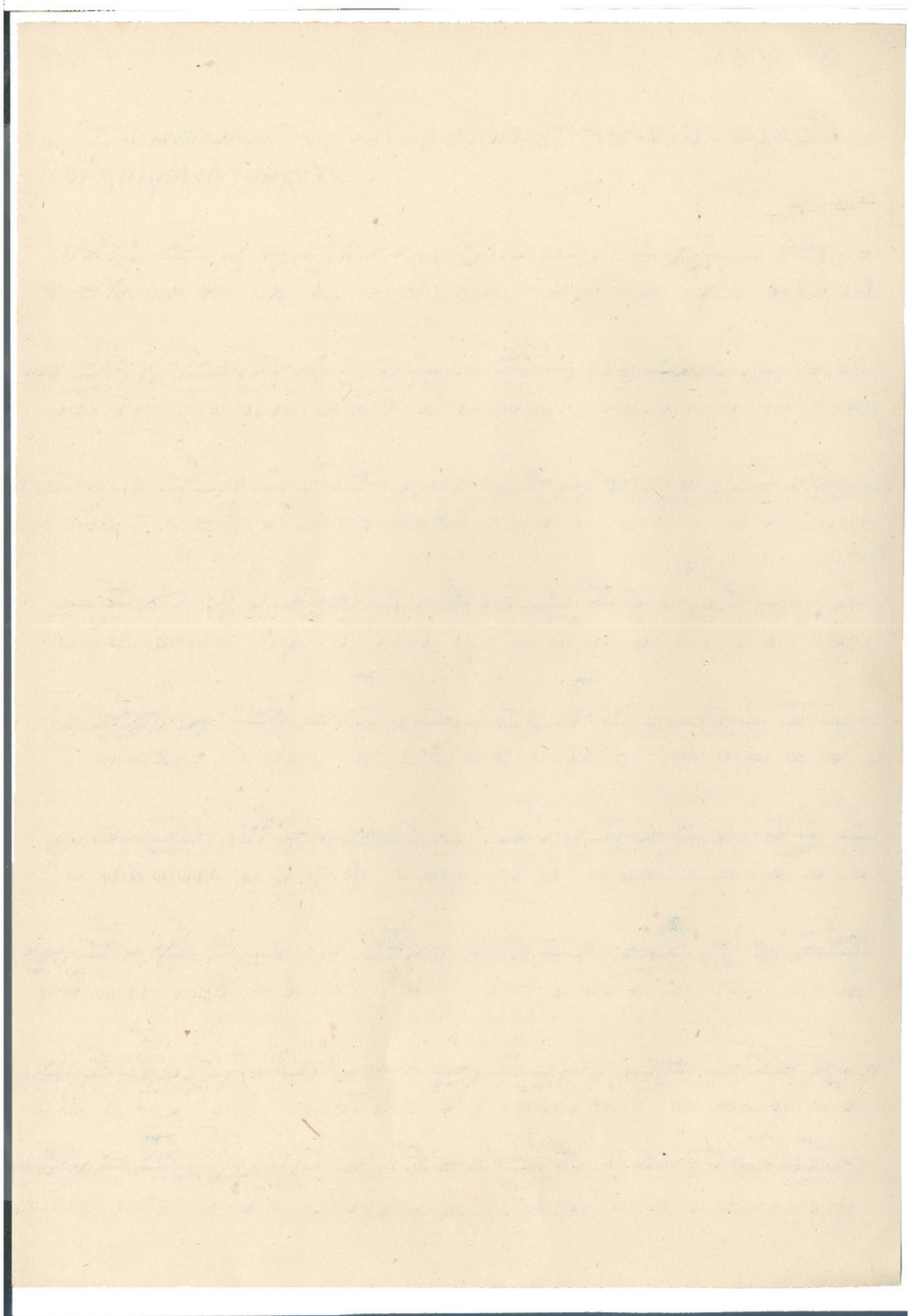
$\frac{1}{x^6} + \frac{1}{x^7} + \frac{1}{x^8} + \dots$
x x x x x x x x x x x x

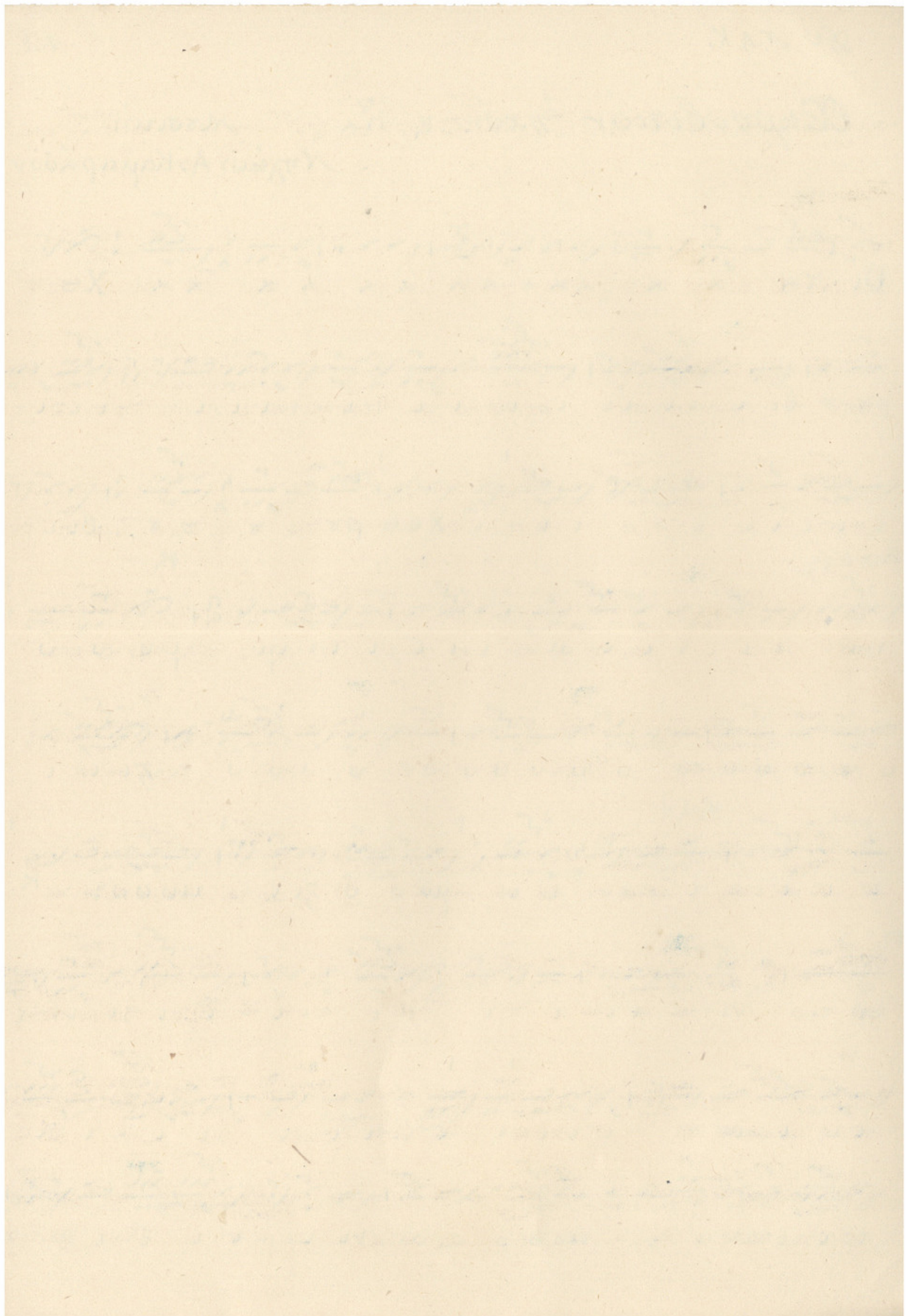
$\frac{1}{x^7} + \frac{1}{x^8} + \frac{1}{x^9} + \dots$
x x x x x x x x x x x x

$\frac{1}{x^8} + \frac{1}{x^9} + \frac{1}{x^{10}} + \dots$
x x x x x x x x x x x x

$\frac{1}{x^9} + \frac{1}{x^{10}} + \frac{1}{x^{11}} + \dots$
x x x x x x x x x x x x

$\frac{1}{x^{10}} + \frac{1}{x^{11}} + \frac{1}{x^{12}} + \dots$
x x x x x x x x x x x x





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.

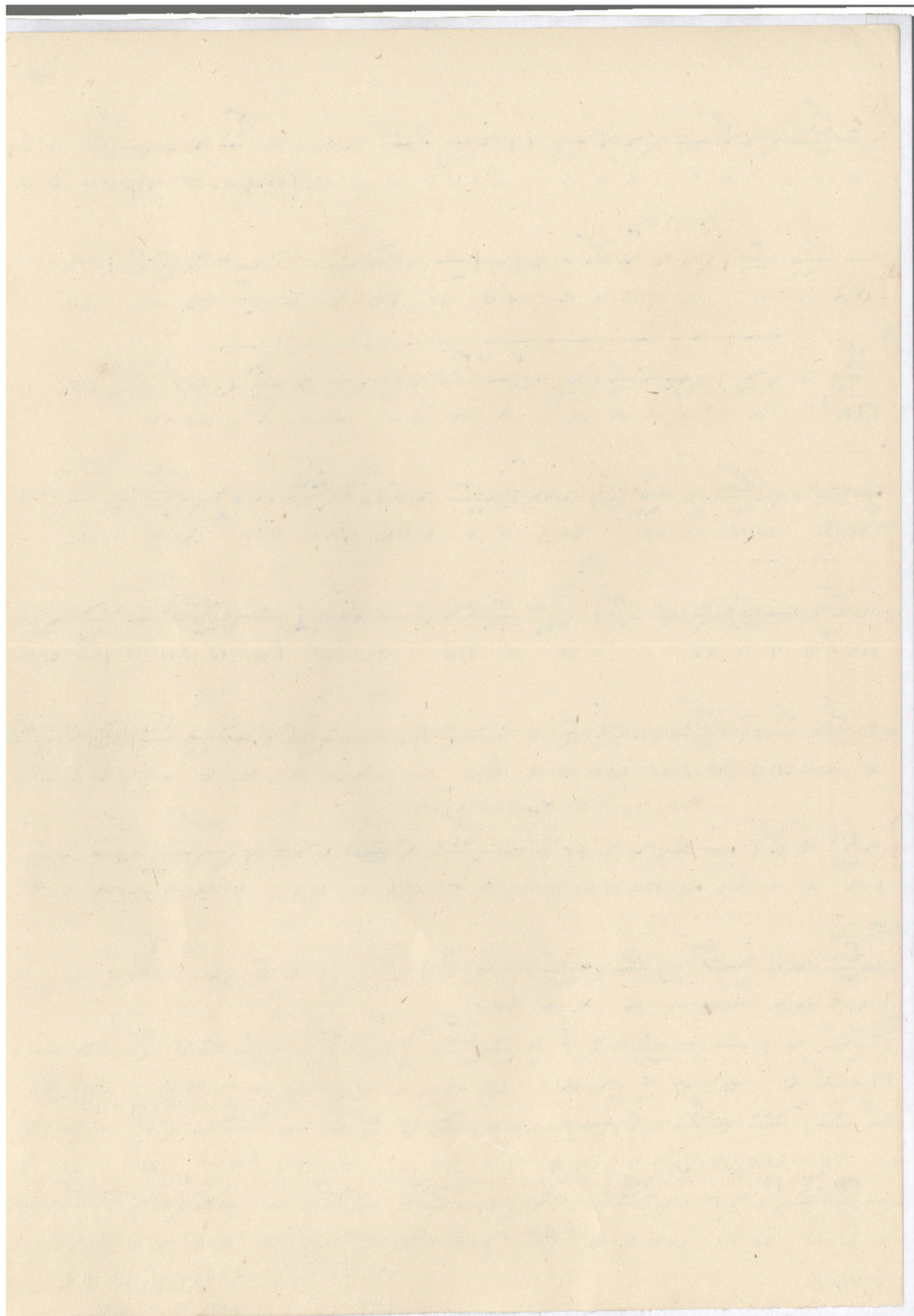
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Handwritten musical notation on a staff with notes and rests.

Handwritten musical notation on a staff with notes and rests.



ΘΕΟΔΟΣΙΟΣ Σ. ΒΡΑΝΑΣ

ΕΡΓΟΛΑΒΟΣ ΣΦΥΡΟΚΟΠΗΝΙΣΜΟΥ
ΚΑΙ ΧΡΩΜΑΤΙΣΜΟΥ ΑΤΜΟΠΛΟΙΩΝ

ΠΕΙΡΑΙΕΥΣ - Αρ. ΣΠΥΡΙΑΔΩΝΟΣ 18

ΔΡΙΟ, ΤΗΛΕΦ. 45244

1778

ΚΑΘ' ΕΝΕΡΓΕΙΑΝ

Εν Πειραιεί τη 194

Handwritten mathematical notes and symbols at the top of the page.

Handwritten mathematical notes and symbols in the second row.

Handwritten mathematical notes and symbols in the third row.

Handwritten mathematical notes and symbols in the fourth row.

Handwritten mathematical notes and symbols in the fifth row.

Handwritten mathematical notes and symbols in the sixth row.

Handwritten mathematical notes and symbols in the seventh row.

Handwritten mathematical notes and symbols in the eighth row.

Handwritten mathematical notes and symbols at the bottom of the page.

Παρεισοχή

α:κ

Π

Handwritten musical notation for the first line, including notes and rests.

Handwritten musical notation for the second line, including notes and rests.

Handwritten musical notation for the third line, including notes and rests.

Handwritten musical notation for the fourth line, including notes and rests.

Handwritten musical notation for the fifth line, including notes and rests.

Handwritten musical notation for the sixth line, including notes and rests.

Handwritten musical notation for the seventh line, including notes and rests.

Handwritten musical notation for the eighth line, including notes and rests.

Handwritten musical notation for the ninth line, including notes and rests.

Μηλέσι Α. Καμαράδης
Κέα Σμύρνη

1942

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ
ΙΝΣΤΙΤΟΥΤΟ ΤΕΧΝΟΛΟΓΙΑΣ ΥΠΟΛΟΓΙΣΤΩΝ ΚΑΙ ΕΚΔΟΣΕΩΝ ΔΙΑΔΙΚΤΥΟΥ
ΔΙΕΥΘΥΝΣΗ ΣΥΝΤΑΚΤΙΚΗΣ ΚΑΙ ΕΚΔΟΣΕΩΝ
ΘΕΣΣΑΛΟΝΙΚΗ 2014

ΘΕΟΔΟΣΙΟΣ Σ. ΒΡΑΝΑΣ

ΕΡΓΟΛΑΒΟΣ ΣΦΥΡΟΚΟΠΑΝΙΣΜΟΥ

ΚΑΙ ΧΡΩΜΑΤΙΣΜΟΥ ΑΤΜΟΠΛΟΙΩΝ

ΠΕΙΡΑΙΕΥΣ - Αγ. Σπυριδωνος 18

ΔΡΙΘ. ΤΗΛΕΦ. 45.244

Έν Πειραιεί τη 194

Handwritten notes in the top right corner, including the word "ΥΠΟΧΡΩΜΑΤΙΣΜΟΥ" and other illegible characters.

Main body of the document containing multiple rows of handwritten text in Greek. The text is dense and appears to be technical or financial in nature, with some words like "ΚΑΤΑ", "ΕΙΣ", and "ΑΝΤΙ" visible. There are also some red markings and numbers interspersed within the handwriting.

Handwritten signature or name at the bottom left of the page, possibly "Μετρητής" or similar.

[Faint, illegible handwriting]

Εἰς Ἀριστοῦτον τὸ π.
Νῦν τὸ ἔπισημοῦ