

# ΚΟΙΝΩΝΙΚΟΝ

Ἦμ 14' Σεπτεμβρίου

2 Ηχος Δι

Ἐπιμεινὴ ἐξ' ἡμῶν τὸ φῶς τοῦ προσώπου σε Κύριε.

**A**

α α α α α α α α α α α α α α α α

**Β**

ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

**\* Β**

ω ω ω χ ω ω ω ω ω ω ω ω ω ω ω ω ω ω

**Δ**

ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

**Δ** **\* Π**

ω ω χ ω ω ω ω ω ω ω ω ω ω ω χ ω ω ω ω ω ω

**Ν** **Δ**

ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

*Καράζ.*

χ ω ε ω ω ω ω ω ω ω θ η γ γ η γ γ η η γ

**Δ** **Ν**

ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε ε

KLINGLICHEN

von H. 1/2

der 2. Ordnung

Erklärung der Bezeichnungen

$$A = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} + \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right)$$

$$E = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} - \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right)$$

$$F = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} + \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right) \cdot \cos \theta$$

$$G = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} - \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right) \cdot \cos \theta$$

$$H = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} + \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right) \cdot \sin \theta$$

$$I = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} - \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right) \cdot \sin \theta$$

$$J = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} + \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right) \cdot \cos^2 \theta$$

$$K = \frac{1}{2} \left( \frac{1}{\sqrt{1-\frac{1}{2} \cos^2 \theta}} - \frac{1}{\sqrt{1-\frac{1}{2} \sin^2 \theta}} \right) \cdot \cos^2 \theta$$

Handwritten musical notation with two systems. The first system includes a treble clef and a red letter 'B' above the staff. The second system also includes a red letter 'B' above the staff. The notation consists of rhythmic stems and beams with various note values.

Katāj.

Handwritten musical notation with a treble clef and a red letter 'N' above the staff. The lyrics below the staff include the Greek word 'κατα' (kata).

Handwritten musical notation with a red letter 'N' above the staff. The lyrics below the staff include the Greek word 'κατα' (kata).

Handwritten musical notation with a red letter 'Δ' above the staff. The lyrics below the staff include the Greek word 'κατα' (kata).

Handwritten musical notation with a red letter 'Δ' above the staff. The lyrics below the staff include the Greek word 'κατα' (kata).

Handwritten musical notation with a red letter 'Δ' above the staff. The lyrics below the staff include the Greek word 'κατα' (kata).

Katāj.

Handwritten musical notation with a red letter 'A' above the staff. The lyrics below the staff include the Greek word 'κατα' (kata).

Handwritten text with red markings at the top of the page.

Second line of handwritten text with red markings.

Third line of handwritten text with red markings.

Fourth line of handwritten text with red markings.

Fifth line of handwritten text with red markings.

Sixth line of handwritten text with red markings.

Seventh line of handwritten text with red markings.

Eighth line of handwritten text with red markings.

Ninth line of handwritten text with red markings.

Tenth line of handwritten text with red markings.



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

Handwritten text, possibly a name or title, located in the upper left quadrant.

Handwritten text, possibly a name or title, located in the upper right quadrant.

Handwritten text, possibly a name or title, located in the middle left quadrant.

Handwritten text, possibly a name or title, located in the middle right quadrant.

Handwritten text, possibly a name or title, located in the lower middle left quadrant.

Handwritten text, possibly a name or title, located in the lower middle right quadrant.

Handwritten text, possibly a name or title, located in the bottom left quadrant.

Σημείωση: Σεπτεμβρίου ΚΟΙΝΩΝΙΚΟΝ 7ηχος 1/6 Δι

Ἐσημειώθη ἐξ ἡμᾶς τὸ φῶς τὸ προσώπισσ Κύριε.

Musical notation for the first line with lyrics: Α γι α α α α α α α α α α α α α α α α α

Musical notation for the second line with lyrics: Ε ση μ ε ι ω

Musical notation for the third line with lyrics: χ ω

Musical notation for the fourth line with lyrics: ω

Musical notation for the fifth line with lyrics: χ ω

Musical notation for the sixth line with lyrics: ω

Musical notation for the seventh line with lyrics: χ ω ω ἔ ση μ ε ι ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

Musical notation for the eighth line with lyrics: ε

The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is well-posed and that the solution exists and is unique. The second part of the paper is devoted to the construction of the solution. It is shown that the solution can be constructed by the method of characteristics. The third part of the paper is devoted to the numerical solution of the problem. It is shown that the numerical solution can be constructed by the method of finite differences. The fourth part of the paper is devoted to the stability analysis of the numerical solution. It is shown that the numerical solution is stable.





900

# ΑΠΟΛΥΤΙΚΙΟΝ $\frac{1}{4}$ πα

Σωσον κυριε τον λαον σου ημελοχησον την γη  
 ρονομιαν σου νικησιν οι βασιλευσιν αι τα βαρβαρικωσιν  
 ροσμενοι ητοσον βυλαστων διχτοστωρσσοσ πο  
 λιτεσιν μαχσιν Δι'  
 εσ πολλασσασσ εσσησση δεεεσσοσ τασσ'

27 Αυγούστου 1953

N. T. B.

20

# PROBATION

1. The first condition is that the person must be a citizen of the United States or a resident of the State of New York.

2. The second condition is that the person must be at least 18 years of age at the time of the offense.

3. The third condition is that the person must not have been previously convicted of a crime involving moral turpitude.

4. The fourth condition is that the person must not be a member of any organized criminal gang.

5. The fifth condition is that the person must not be a member of any other organization that is prohibited by law.

PROBATION  
A. T. B.



14. Ζήτησις Κωνσταντίνου ἡμῶν 1/2

Ἐπιπέδου ἐξ ἡμῶν τοῦ ἐπιπέδου ἡμῶν

A γ' α' x x x x x x x x x x x x x x x x

E γ' α' x x x x x x x x x x x x x x x x

α' x x x x x x x x x x x x x x x x

α' x x x x x x x x x x x x x x x x

α' x x x x x x x x x x x x x x x x

α' x x x x x x x x x x x x x x x x

Κατά.

α' x x x x x x x x x x x x x x x x

α' x x x x x x x x x x x x x x x x

B

B

Handwritten musical notation with notes and stems.

B

Handwritten musical notation with notes and stems.

κατα

Handwritten musical notation with notes and stems.

N

Δ

Handwritten musical notation with notes and stems.

N

Handwritten musical notation with notes and stems.

Δ

✗

Handwritten musical notation with notes and stems.

✗

Handwritten musical notation with notes and stems.

Δ

Δ

Handwritten musical notation with notes and stems.

κατα

Handwritten musical notation with notes and stems.

Handwritten musical notation with notes and stems.

Handwritten musical notation with notes and stems.

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

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

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

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

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



# ΑΠΟΛΥΤΙΚΙΟΝ 4/4 πα

$\Gamma$ 
  
 Σωσον κύριε τον λαόν σου ημελοχρησον την γη  
 ρονομίαν σου νικησι τοις βασιλευσι ματαβαρβαρικω  
 ρσ μενοι ημεροσον βυλαατων δεια το Στανρσσο πο  
 λει τε ευμααα Δι  
 $\Delta$ 
  
 Ηι πολλαααα εσσητη δεεεε σποοτααα

24 Αυγούστου 1953  
 Ν. Τ. Β.

$\frac{1}{2}$  Η μείνη μέρη το συνδυάζοντες με τὸ Στοιχειώδες πο  
 $\frac{1}{2}$  Η μείνη μέρη το συνδυάζοντες με τὸ Στοιχειώδες πο  
 $\frac{1}{2}$  Η μείνη μέρη το συνδυάζοντες με τὸ Στοιχειώδες πο  
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 $\frac{1}{2}$  Η μείνη μέρη το συνδυάζοντες με τὸ Στοιχειώδες πο  
 $\frac{1}{2}$  Η μείνη μέρη το συνδυάζοντες με τὸ Στοιχειώδες πο

Μ. Τ. Β.  
 21 Ἰαννουαρίου 1873

# Ἦ Ή ΓΔ: Σεπτεμβρίου ΚΟΙΝΩΝΙΚΟΝ ΉΧΟΣ $\frac{1}{9}$ ΔΙ

Ἐσημειώθη ἐξ' ἡμᾶς τὸ θῶς τὸ προσώπισσ Κύριε.

Δ 3  
A γὲ x x x x x x x x x x x x x x x x x

Δ  
E ση με ι ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

ψ. B  
ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

Δ  
ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

ψ. B Γ  
ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

Δ Z  
ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

Κατω  
ω ω ε ση με ι ω ω ω ω ω θ η η η η η η η η η η η

Δ Z  
ε ε

ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

Πατριάρχης Κωνσταντινικῆς

Ἐπισημῶς ἐπισημαίνω τὸ ὄνομα τῆς ἐκείνης τῆς ἐκείνης

Ἐπισημῶς ἐπισημαίνω τὸ ὄνομα τῆς ἐκείνης τῆς ἐκείνης

Ἐπισημῶς ἐπισημαίνω τὸ ὄνομα τῆς ἐκείνης τῆς ἐκείνης

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Ἐπισημῶς ἐπισημαίνω τὸ ὄνομα τῆς ἐκείνης τῆς ἐκείνης

Ἐπισημῶς ἐπισημαίνω τὸ ὄνομα τῆς ἐκείνης τῆς ἐκείνης

10

B

B

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

B

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

κατα

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

N

Δ

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

Z

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

Δ

X

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

X

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

Δ

Δ

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

κατα

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

Αλ

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

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

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

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

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

# Ἦν ἸΔ'. Σεπτεμβρίου Κωνσταντινῶν ἤχος 11 δε

Ἐσμειώθη ἐξ ἡμᾶς τὸ φῶς τοῦ προσώπου σου Κύριε.

**Δ**

α χ α α α α α α α α α χ α α α α α

**Ε**

σ η μ ε ω ω ω ω ω ω ω ω ω ω ω ω ω ω

**\* Β**

χ ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

**Δ**

ε ω ε ω ε ω ε ω ε ω ε ω ε ω ε ω

**Δ \* Π**

χ ε ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω

**Ζ Δ**

ε ω ε ω ε ω ε ω ε ω ε ω ε ω ε ω

κατάχ.

χ ω ε σ η μ ε ω ω ω ω ω ω ω ω ω ω ω

**Δ Ζ**

ε ω ε ω ε ω ε ω ε ω ε ω ε ω ε ω

Beispiel 1: Sei  $f(x) = x^2 + 3x - 5$ . Berechne  $f'(x)$ .

$$f'(x) = 2x + 3$$

Beispiel 2: Sei  $f(x) = \frac{1}{x}$ . Berechne  $f'(x)$ .

$$f'(x) = -\frac{1}{x^2}$$

Beispiel 3: Sei  $f(x) = \sqrt{x}$ . Berechne  $f'(x)$ .

$$f'(x) = \frac{1}{2\sqrt{x}}$$

Beispiel 4: Sei  $f(x) = \ln(x)$ . Berechne  $f'(x)$ .

$$f'(x) = \frac{1}{x}$$

Beispiel 5: Sei  $f(x) = e^x$ . Berechne  $f'(x)$ .

$$f'(x) = e^x$$