

Κύριε ἡ ἐν πολλαῖς ἁμαρτίαις.
Πέτρου Λαμπδαρίου τοῦ Πεχοποννησίου.

Δόξα. Καὶ νῦν. Ἦχος ᾠδῆς Νη

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Κρίση ή εξοχική κατάσταση.
Πόσες Δυναμότητες του Πελοποννήσου.

Δοξα και νυν. Ηχοι ειναι

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Ungleich

$\frac{1}{x} + \frac{1}{y} \geq \frac{2}{\sqrt{xy}}$ für $x, y > 0$
 $\frac{1}{x} + \frac{1}{y} - \frac{2}{\sqrt{xy}} \geq 0$
 $\frac{y + x - 2\sqrt{xy}}{xy} \geq 0$
 $\frac{(\sqrt{x} - \sqrt{y})^2}{xy} \geq 0$

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KOTAK

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Καθα

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Κύριε ἡ ἐν πολλαῖς ἁμαρτίαις.
Πέτρου Λαμπραδάρη τοῦ Πελοποννησίου.

Δόξα. Καὶ νῦν. Ἦχος Πάση Νη

Ν
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Πέτρου Λαμπραδάρη τοῦ Πελοποννησίου

Ὡς ἡ ἐν πολλοῖς ἁμαρτίαις
Πέτρου Λαμπραδάρη τοῦ Πελοποννησίου

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Δ Κατὰ
Ὡς ἡ ἐν πολλοῖς ἁμαρτίαις
Πέτρου Λαμπραδάρη τοῦ Πελοποννησίου

Τεχνονομία των Μεταλλουργιών

Δοκιμή των μέσων

1. Ο σκοπός της δοκιμής είναι να προσδιορισθεί η αντοχή των μέσων υπό διάφορα φορτία.

2. Η δοκιμή γίνεται με τη βοήθεια ενός μηχανήματος που δίνει στα μέτρα ένα ομοιόμορφο φορτίο.

3. Τα αποτελέσματα της δοκιμής καταγράφονται σε πίνακα, όπου αναφέρονται η δύναμη και η παραμόρφωση.

4. Η αντοχή των μέσων εξαρτάται από την ποιότητα του υλικού και από τον τρόπο της κατασκευής.

5. Η δοκιμή πρέπει να γίνεται με προσοχή, ώστε να μην επηρεαστούν τα αποτελέσματα από λάθη.

6. Η αντοχή των μέσων μπορεί να βελτιωθεί με την κατάλληλη επεξεργασία του υλικού.

7. Η δοκιμή των μέσων είναι απαραίτητη για την αξιολόγηση της ποιότητάς τους.

Σημειώσεις

8. Η δοκιμή των μέσων γίνεται με τη βοήθεια ενός μηχανήματος που δίνει στα μέτρα ένα ομοιόμορφο φορτίο.

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$\frac{1}{2} - \frac{1}{3} = \frac{3}{6} - \frac{2}{6} = \frac{1}{6}$
 $\frac{1}{3} - \frac{1}{4} = \frac{4}{12} - \frac{3}{12} = \frac{1}{12}$
 $\frac{1}{4} - \frac{1}{5} = \frac{5}{20} - \frac{4}{20} = \frac{1}{20}$
 $\frac{1}{5} - \frac{1}{6} = \frac{6}{30} - \frac{5}{30} = \frac{1}{30}$
 $\frac{1}{6} - \frac{1}{7} = \frac{7}{42} - \frac{6}{42} = \frac{1}{42}$
 $\frac{1}{7} - \frac{1}{8} = \frac{8}{56} - \frac{7}{56} = \frac{1}{56}$
 $\frac{1}{8} - \frac{1}{9} = \frac{9}{72} - \frac{8}{72} = \frac{1}{72}$
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 $\frac{1}{85} - \frac{1}{86} = \frac{86}{7310} - \frac{85}{7310} = \frac{1}{7310}$
 $\frac{1}{86} - \frac{1}{87} = \frac{87}{7482} - \frac{86}{7482} = \frac{1}{7482}$
 $\frac{1}{87} - \frac{1}{88} = \frac{88}{7656} - \frac{87}{7656} = \frac{1}{7656}$
 $\frac{1}{88} - \frac{1}{89} = \frac{89}{7832} - \frac{88}{7832} = \frac{1}{7832}$
 $\frac{1}{89} - \frac{1}{90} = \frac{90}{8010} - \frac{89}{8010} = \frac{1}{8010}$
 $\frac{1}{90} - \frac{1}{91} = \frac{91}{8190} - \frac{90}{8190} = \frac{1}{8190}$
 $\frac{1}{91} - \frac{1}{92} = \frac{92}{8372} - \frac{91}{8372} = \frac{1}{8372}$
 $\frac{1}{92} - \frac{1}{93} = \frac{93}{8556} - \frac{92}{8556} = \frac{1}{8556}$
 $\frac{1}{93} - \frac{1}{94} = \frac{94}{8742} - \frac{93}{8742} = \frac{1}{8742}$
 $\frac{1}{94} - \frac{1}{95} = \frac{95}{8930} - \frac{94}{8930} = \frac{1}{8930}$
 $\frac{1}{95} - \frac{1}{96} = \frac{96}{9120} - \frac{95}{9120} = \frac{1}{9120}$
 $\frac{1}{96} - \frac{1}{97} = \frac{97}{9312} - \frac{96}{9312} = \frac{1}{9312}$
 $\frac{1}{97} - \frac{1}{98} = \frac{98}{9506} - \frac{97}{9506} = \frac{1}{9506}$
 $\frac{1}{98} - \frac{1}{99} = \frac{99}{9702} - \frac{98}{9702} = \frac{1}{9702}$
 $\frac{1}{99} - \frac{1}{100} = \frac{100}{9900} - \frac{99}{9900} = \frac{1}{9900}$

1949

Hot

Karoly

Handwritten notes at the top of the page, including the name 'Karoly' and some illegible text.

Handwritten notes in the second section, featuring mathematical symbols and numbers.

Handwritten notes in the third section, including a list of numbers and mathematical expressions.

Karoly

Handwritten notes in the fourth section, starting with 'Karoly' and containing mathematical formulas.

Handwritten notes in the fifth section, featuring a series of numbers and mathematical symbols.

Handwritten notes in the sixth section, including mathematical expressions and numbers.

Karoly

Handwritten notes in the seventh section, starting with 'Karoly' and containing mathematical formulas.

Handwritten notes in the eighth section, including mathematical expressions and numbers.

Karoly

Handwritten notes in the ninth section, featuring mathematical symbols and numbers.

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

Handwritten text block, likely the beginning of a list or entry.

Handwritten text block, continuing the list or entry.

Handwritten text block, continuing the list or entry.

Handwritten text block, continuing the list or entry.

Handwritten text block, continuing the list or entry.

Handwritten text block, continuing the list or entry.

Handwritten text block, continuing the list or entry.

Handwritten text block, continuing the list or entry.

Handwritten text block at the bottom of the page, possibly a footer or concluding text.

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

$\frac{1}{10} - \frac{1}{11} = \frac{1}{110}$ $\frac{1}{11} - \frac{1}{12} = \frac{1}{132}$ $\frac{1}{12} - \frac{1}{13} = \frac{1}{156}$ $\frac{1}{13} - \frac{1}{14} = \frac{1}{182}$ $\frac{1}{14} - \frac{1}{15} = \frac{1}{210}$

$\frac{1}{15} - \frac{1}{16} = \frac{1}{240}$ $\frac{1}{16} - \frac{1}{17} = \frac{1}{272}$ $\frac{1}{17} - \frac{1}{18} = \frac{1}{306}$ $\frac{1}{18} - \frac{1}{19} = \frac{1}{342}$ $\frac{1}{19} - \frac{1}{20} = \frac{1}{380}$

$\frac{1}{20} - \frac{1}{21} = \frac{1}{420}$ $\frac{1}{21} - \frac{1}{22} = \frac{1}{462}$ $\frac{1}{22} - \frac{1}{23} = \frac{1}{506}$ $\frac{1}{23} - \frac{1}{24} = \frac{1}{552}$ $\frac{1}{24} - \frac{1}{25} = \frac{1}{600}$

$\frac{1}{25} - \frac{1}{26} = \frac{1}{650}$ $\frac{1}{26} - \frac{1}{27} = \frac{1}{702}$ $\frac{1}{27} - \frac{1}{28} = \frac{1}{756}$ $\frac{1}{28} - \frac{1}{29} = \frac{1}{812}$ $\frac{1}{29} - \frac{1}{30} = \frac{1}{870}$

$\frac{1}{30} - \frac{1}{31} = \frac{1}{930}$ $\frac{1}{31} - \frac{1}{32} = \frac{1}{992}$ $\frac{1}{32} - \frac{1}{33} = \frac{1}{1056}$ $\frac{1}{33} - \frac{1}{34} = \frac{1}{1122}$ $\frac{1}{34} - \frac{1}{35} = \frac{1}{1190}$

$\frac{1}{35} - \frac{1}{36} = \frac{1}{1260}$ $\frac{1}{36} - \frac{1}{37} = \frac{1}{1332}$ $\frac{1}{37} - \frac{1}{38} = \frac{1}{1406}$ $\frac{1}{38} - \frac{1}{39} = \frac{1}{1482}$ $\frac{1}{39} - \frac{1}{40} = \frac{1}{1560}$

$\frac{1}{40} - \frac{1}{41} = \frac{1}{1640}$ $\frac{1}{41} - \frac{1}{42} = \frac{1}{1722}$ $\frac{1}{42} - \frac{1}{43} = \frac{1}{1806}$ $\frac{1}{43} - \frac{1}{44} = \frac{1}{1892}$ $\frac{1}{44} - \frac{1}{45} = \frac{1}{1980}$

$\frac{1}{45} - \frac{1}{46} = \frac{1}{2070}$ $\frac{1}{46} - \frac{1}{47} = \frac{1}{2162}$ $\frac{1}{47} - \frac{1}{48} = \frac{1}{2256}$ $\frac{1}{48} - \frac{1}{49} = \frac{1}{2352}$ $\frac{1}{49} - \frac{1}{50} = \frac{1}{2450}$

$\frac{1}{50} - \frac{1}{51} = \frac{1}{2550}$ $\frac{1}{51} - \frac{1}{52} = \frac{1}{2652}$ $\frac{1}{52} - \frac{1}{53} = \frac{1}{2756}$ $\frac{1}{53} - \frac{1}{54} = \frac{1}{2862}$ $\frac{1}{54} - \frac{1}{55} = \frac{1}{2970}$

KATOK

Handwritten text, likely a title or header, with some illegible characters.

Handwritten text, possibly a list or table of contents, with some illegible characters.

Handwritten text, possibly a list or table of contents, with some illegible characters.

Handwritten text, possibly a list or table of contents, with some illegible characters.

KATOK

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Handwritten text, possibly a list or table of contents, with some illegible characters.

KATOK

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Handwritten text, possibly a list or table of contents, with some illegible characters.

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

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

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

Handwritten musical notation with Greek letters and symbols. Includes a red triangle symbol (Δ) and a red lambda symbol (λ).

Handwritten musical notation with Greek letters and symbols. Includes a red lambda symbol (λ).

Handwritten musical notation with Greek letters and symbols. Includes a red square symbol (□).

Handwritten musical notation with Greek letters and symbols. Includes a red zeta symbol (ζ).

Handwritten musical notation with Greek letters and symbols. Includes a red square symbol (□) and a red zeta symbol (ζ). The word "κατα" is written in the center.

Handwritten musical notation with Greek letters and symbols. Includes a red zeta symbol (ζ).

Handwritten musical notation with Greek letters and symbols. Includes a red kappa symbol (κ).

Handwritten musical notation with Greek letters and symbols. Includes a red zeta symbol (ζ) and a red triangle symbol (Δ).

Handwritten musical notation with Greek letters and symbols. Includes a red zeta symbol (ζ) and a red square symbol (□).

1949

H/2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

H/2
 1949