

Κερουβιμόν Ἰησοῦ Π γ' α'

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**Ζ**

Beobachtung 7

$$\frac{1}{x} = \frac{1}{x} \cdot \frac{x}{x} = \frac{x}{x^2} = \frac{1}{x} \cdot \frac{1}{x} = \frac{1}{x^2}$$

$$\frac{1}{x^2} = \frac{1}{x^2} \cdot \frac{x}{x} = \frac{x}{x^3} = \frac{1}{x^2} \cdot \frac{1}{x} = \frac{1}{x^3}$$

$$\frac{1}{x^3} = \frac{1}{x^3} \cdot \frac{x}{x} = \frac{x}{x^4} = \frac{1}{x^3} \cdot \frac{1}{x} = \frac{1}{x^4}$$

$$\frac{1}{x^4} = \frac{1}{x^4} \cdot \frac{x}{x} = \frac{x}{x^5} = \frac{1}{x^4} \cdot \frac{1}{x} = \frac{1}{x^5}$$

$$\frac{1}{x^5} = \frac{1}{x^5} \cdot \frac{x}{x} = \frac{x}{x^6} = \frac{1}{x^5} \cdot \frac{1}{x} = \frac{1}{x^6}$$

$$\frac{1}{x^6} = \frac{1}{x^6} \cdot \frac{x}{x} = \frac{x}{x^7} = \frac{1}{x^6} \cdot \frac{1}{x} = \frac{1}{x^7}$$

$$\frac{1}{x^7} = \frac{1}{x^7} \cdot \frac{x}{x} = \frac{x}{x^8} = \frac{1}{x^7} \cdot \frac{1}{x} = \frac{1}{x^8}$$

$$\frac{1}{x^8} = \frac{1}{x^8} \cdot \frac{x}{x} = \frac{x}{x^9} = \frac{1}{x^8} \cdot \frac{1}{x} = \frac{1}{x^9}$$

Handwritten musical notation on a staff with various notes and rests.

Handwritten musical notation on a staff, including a blue double bar line symbol.

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Handwritten musical notation on a staff with various notes and rests.

Handwritten musical notation on a staff with various notes and rests.

Handwritten musical notation on a staff with various notes and rests.









Handwritten musical notation on a single staff with various notes and rests.

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$$\frac{1}{\sqrt{1-x^2}} = \frac{1}{\sqrt{1-x^2}} + \frac{1}{\sqrt{1-x^2}} + \frac{1}{\sqrt{1-x^2}} + \dots$$

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

a

Handwritten text, possibly a title or section name, written in a cursive script.

Handwritten musical notation on a staff, continuing from the previous page.

Handwritten text, possibly a signature or a note, located in the lower middle section of the page.

~~Handwritten text at the top of the page, mostly illegible.~~

Χεροντιών Ηχος π γ'  
Απόδορ

12. 1. 1872

Αρλεπόν

K. T. B.



3. Wiederholung (Repetition)

Die Wiederholung ist ein zentraler Bestandteil der Sprachvermittlung. Sie ermöglicht es dem Lernenden, sich an die neue Sprache zu gewöhnen und die bereits erlernten Strukturen zu festigen. Durch die regelmäßige Wiederholung von Vokabeln und Sätzen wird das Gedächtnis trainiert und die Sprachkompetenz verbessert.

Es gibt verschiedene Methoden der Wiederholung, wie zum Beispiel das Kopieren von Texten, das Vorlesen oder das Nachsprechen. Diese Methoden sind besonders effektiv, wenn sie mit anderen Techniken wie dem Kontextlernen kombiniert werden. Die Wiederholung sollte nicht nur mechanisch, sondern auch mit einem Verständnis der Bedeutung der Wörter und Sätze verbunden sein.

Ein weiterer wichtiger Aspekt der Wiederholung ist die Regelmäßigkeit. Regelmäßige Wiederholung über einen längeren Zeitraum hinweg führt zu einer nachhaltigen Verbesserung der Sprachfähigkeiten. Es ist ratsam, die Wiederholung in kleine, regelmäßige Einheiten zu unterteilen, um die Belastung zu reduzieren und die Effektivität zu steigern.

Zusätzlich zur Wiederholung von Texten und Sätzen können auch grammatische Regeln und Satzstrukturen wiederholt geübt werden. Dies hilft, die korrekte Anwendung der Grammatik zu verankern und die Flexibilität bei der Sprachverwendung zu erhöhen. Die Wiederholung sollte also nicht nur auf die Vokabeln, sondern auch auf die gesamte Sprachstruktur abzielen.

Die Wiederholung ist ein grundlegendes Element des Spracherwerbs. Sie ermöglicht es dem Lernenden, sich an die neue Sprache zu gewöhnen und die bereits erlernten Strukturen zu festigen. Durch die regelmäßige Wiederholung von Vokabeln und Sätzen wird das Gedächtnis trainiert und die Sprachkompetenz verbessert.

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Handwritten musical notation on a grid background. The notation consists of multiple staves, each with a series of rhythmic symbols (vertical lines, flags, beams) and some letters (a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z) placed below the lines. The symbols are arranged in a way that suggests a sequence of notes or rests, with some symbols having flags or beams indicating their duration or articulation. The letters are often placed below the symbols, possibly indicating the pitch or a specific note value. The notation is dense and covers most of the page.

1961

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.  $\frac{1}{x^7} = x^{-7}$   
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7.  $\frac{1}{x^8} = x^{-8}$   
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98.  $\frac{1}{x^{99}} = x^{-99}$   
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99.  $\frac{1}{x^{100}} = x^{-100}$   
 $\frac{d}{dx} x^{-100} = -100x^{-101} = -\frac{100}{x^{101}}$



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10.  $\frac{1}{x^{11}} = x^{-11}$   
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11.  $\frac{1}{x^{12}} = x^{-12}$   
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12.  $\frac{1}{x^{13}} = x^{-13}$   
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13.  $\frac{1}{x^{14}} = x^{-14}$   
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15.  $\frac{1}{x^{16}} = x^{-16}$   
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16.  $\frac{1}{x^{17}} = x^{-17}$   
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17.  $\frac{1}{x^{18}} = x^{-18}$   
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18.  $\frac{1}{x^{19}} = x^{-19}$   
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19.  $\frac{1}{x^{20}} = x^{-20}$   
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82.  $\frac{1}{x^{83}} = x^{-83}$   
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86.  $\frac{1}{x^{87}} = x^{-87}$   
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87.  $\frac{1}{x^{88}} = x^{-88}$   
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88.  $\frac{1}{x^{89}} = x^{-89}$   
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89.  $\frac{1}{x^{90}} = x^{-90}$   
 $\frac{d}{dx} x^{-90} = -90x^{-91} = -\frac{90}{x^{91}}$

90.  $\frac{1}{x^{91}} = x^{-91}$   
 $\frac{d}{dx} x^{-91} = -91x^{-92} = -\frac{91}{x^{92}}$

91.  $\frac{1}{x^{92}} = x^{-92}$   
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92.  $\frac{1}{x^{93}} = x^{-93}$   
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93.  $\frac{1}{x^{94}} = x^{-94}$   
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94.  $\frac{1}{x^{95}} = x^{-95}$   
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95.  $\frac{1}{x^{96}} = x^{-96}$   
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96.  $\frac{1}{x^{97}} = x^{-97}$   
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97.  $\frac{1}{x^{98}} = x^{-98}$   
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98.  $\frac{1}{x^{99}} = x^{-99}$   
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99.  $\frac{1}{x^{100}} = x^{-100}$   
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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.  $\frac{1}{x^4} = x^{-4}$   
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4.  $\frac{1}{x^5} = x^{-5}$   
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5.  $\frac{1}{x^6} = x^{-6}$   
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6.  $\frac{1}{x^7} = x^{-7}$   
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7.  $\frac{1}{x^8} = x^{-8}$   
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8.  $\frac{1}{x^9} = x^{-9}$   
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9.  $\frac{1}{x^{10}} = x^{-10}$   
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14.  $\frac{1}{x^{15}} = x^{-15}$   
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15.  $\frac{1}{x^{16}} = x^{-16}$   
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16.  $\frac{1}{x^{17}} = x^{-17}$   
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 $\frac{d}{dx} x^{-74} = -74x^{-75} = -\frac{74}{x^{75}}$

74.  $\frac{1}{x^{75}} = x^{-75}$   
 $\frac{d}{dx} x^{-75} = -75x^{-76} = -\frac{75}{x^{76}}$

75.  $\frac{1}{x^{76}} = x^{-76}$   
 $\frac{d}{dx} x^{-76} = -76x^{-77} = -\frac{76}{x^{77}}$

76.  $\frac{1}{x^{77}} = x^{-77}$   
 $\frac{d}{dx} x^{-77} = -77x^{-78} = -\frac{77}{x^{78}}$

77.  $\frac{1}{x^{78}} = x^{-78}$   
 $\frac{d}{dx} x^{-78} = -78x^{-79} = -\frac{78}{x^{79}}$

78.  $\frac{1}{x^{79}} = x^{-79}$   
 $\frac{d}{dx} x^{-79} = -79x^{-80} = -\frac{79}{x^{80}}$

79.  $\frac{1}{x^{80}} = x^{-80}$   
 $\frac{d}{dx} x^{-80} = -80x^{-81} = -\frac{80}{x^{81}}$

80.  $\frac{1}{x^{81}} = x^{-81}$   
 $\frac{d}{dx} x^{-81} = -81x^{-82} = -\frac{81}{x^{82}}$

81.  $\frac{1}{x^{82}} = x^{-82}$   
 $\frac{d}{dx} x^{-82} = -82x^{-83} = -\frac{82}{x^{83}}$

82.  $\frac{1}{x^{83}} = x^{-83}$   
 $\frac{d}{dx} x^{-83} = -83x^{-84} = -\frac{83}{x^{84}}$

83.  $\frac{1}{x^{84}} = x^{-84}$   
 $\frac{d}{dx} x^{-84} = -84x^{-85} = -\frac{84}{x^{85}}$

84.  $\frac{1}{x^{85}} = x^{-85}$   
 $\frac{d}{dx} x^{-85} = -85x^{-86} = -\frac{85}{x^{86}}$

85.  $\frac{1}{x^{86}} = x^{-86}$   
 $\frac{d}{dx} x^{-86} = -86x^{-87} = -\frac{86}{x^{87}}$

86.  $\frac{1}{x^{87}} = x^{-87}$   
 $\frac{d}{dx} x^{-87} = -87x^{-88} = -\frac{87}{x^{88}}$

87.  $\frac{1}{x^{88}} = x^{-88}$   
 $\frac{d}{dx} x^{-88} = -88x^{-89} = -\frac{88}{x^{89}}$

88.  $\frac{1}{x^{89}} = x^{-89}$   
 $\frac{d}{dx} x^{-89} = -89x^{-90} = -\frac{89}{x^{90}}$

89.  $\frac{1}{x^{90}} = x^{-90}$   
 $\frac{d}{dx} x^{-90} = -90x^{-91} = -\frac{90}{x^{91}}$

90.  $\frac{1}{x^{91}} = x^{-91}$   
 $\frac{d}{dx} x^{-91} = -91x^{-92} = -\frac{91}{x^{92}}$

91.  $\frac{1}{x^{92}} = x^{-92}$   
 $\frac{d}{dx} x^{-92} = -92x^{-93} = -\frac{92}{x^{93}}$

92.  $\frac{1}{x^{93}} = x^{-93}$   
 $\frac{d}{dx} x^{-93} = -93x^{-94} = -\frac{93}{x^{94}}$

93.  $\frac{1}{x^{94}} = x^{-94}$   
 $\frac{d}{dx} x^{-94} = -94x^{-95} = -\frac{94}{x^{95}}$

94.  $\frac{1}{x^{95}} = x^{-95}$   
 $\frac{d}{dx} x^{-95} = -95x^{-96} = -\frac{95}{x^{96}}$

95.  $\frac{1}{x^{96}} = x^{-96}$   
 $\frac{d}{dx} x^{-96} = -96x^{-97} = -\frac{96}{x^{97}}$

96.  $\frac{1}{x^{97}} = x^{-97}$   
 $\frac{d}{dx} x^{-97} = -97x^{-98} = -\frac{97}{x^{98}}$

97.  $\frac{1}{x^{98}} = x^{-98}$   
 $\frac{d}{dx} x^{-98} = -98x^{-99} = -\frac{98}{x^{99}}$

98.  $\frac{1}{x^{99}} = x^{-99}$   
 $\frac{d}{dx} x^{-99} = -99x^{-100} = -\frac{99}{x^{100}}$

99.  $\frac{1}{x^{100}} = x^{-100}$   
 $\frac{d}{dx} x^{-100} = -100x^{-101} = -\frac{100}{x^{101}}$

100.  $\frac{1}{x^{101}} = x^{-101}$   
 $\frac{d}{dx} x^{-101} = -101x^{-102} = -\frac{101}{x^{102}}$