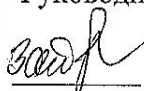
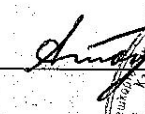
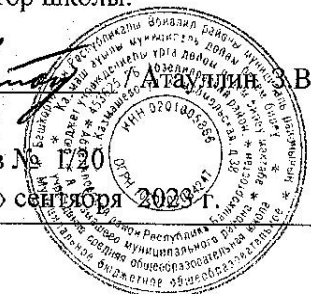


Муниципальное бюджетное общеобразовательное учреждение
средняя общеобразовательная школа д. Казмашево
муниципального района Абзелиловский район Республики Башкортостан

«Рассмотрено» На заседании ШМО Протокол № 1 от «30» августа 2023 г. Руководитель ШМО:  Зайнуллина Ф.Ф.	«Согласовано» Зам.директора по УВР:  /Аюпова Р.И./ «31» августа 2023 г.	«Утверждаю» Директор школы:  Атагуллин З.В./ Приказ № 120 от «01» сентября 2023 г. 
--	--	---

РАБОЧАЯ ПРОГРАММА

Учебного предмета «Физика»

Уровень образования: основное общее образование

10-11 классы

Зайнуллиной Фаузии Фаизовны

Уровень изучения учебного предмета: базовый

Срок реализации программы: 2022-2024уч.год

Шаталина А.В., Рабочие программы, Физика, 10-11 классы. —
М.: Просвещение, 2017.

• 

•

• 

[illegible]

•      

[illegible][illegible]

[illegible][illegible][illegible][illegible][illegible]

[illegible]

-
- A complex musical score for a string quartet, featuring staves with various musical notations including notes, rests, and dynamic markings. The score is written for four staves, each representing a different instrument. The notation includes a variety of note values, rests, and dynamic markings such as
- pp*
- ,
- f*
- , and
- ppp*
- . The score is presented in a standard musical notation format, with a key signature of one flat and a common time signature. The overall structure of the score suggests a multi-movement work, with different sections of music separated by bar lines and dynamic changes. The notation is dense and detailed, indicating a high level of musical complexity and technical skill required for performance. The score is written in a clear and legible font, with a professional and polished appearance. The use of various musical symbols and markings adds to the visual interest and complexity of the score, making it a challenging and rewarding piece of music to study and perform. The score is a testament to the power of musical notation to convey complex ideas and emotions in a concise and effective manner. The overall impression is one of a well-crafted and thoughtfully composed piece of music, worthy of the highest praise and acclaim.

- [illegible]

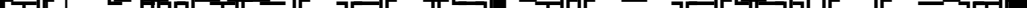
- [illegible]

- $\frac{1}{n} \sum_{i=1}^n \left(\frac{\partial L(\theta)}{\partial \theta_i} \right)^2$, $\frac{1}{n} \sum_{i=1}^n \left(\frac{\partial L(\theta)}{\partial \theta_i} \right)^2$, $\frac{1}{n} \sum_{i=1}^n \left(\frac{\partial L(\theta)}{\partial \theta_i} \right)^2$

-     

-

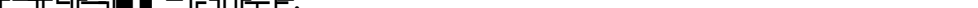
- [illegible]

- 

A complex musical score for a string quartet, featuring four staves with various musical notations including notes, rests, and dynamic markings. The notation is dense and includes many accidentals and dynamic markings such as *pp*, *ff*, *sfz*, and *sf*. The score is written in a modern, possibly contemporary style, with a focus on rhythmic complexity and dynamic contrast. The staves are arranged in a traditional four-staff format, with each staff containing a different part of the ensemble. The notation includes a variety of note values, rests, and articulation marks, creating a highly detailed and expressive musical piece.[illegible]

A complex musical score for a string quartet, featuring staves with various musical notations including notes, rests, and dynamic markings. The score is written in a standard musical notation style, with multiple staves and a variety of note values and rests. The notation is dense and includes many accidentals and dynamic markings, suggesting a challenging piece of music. The score is presented in a single system, with the staves arranged horizontally. The notation is clear and legible, with a focus on the rhythmic and melodic lines of the instruments. The overall appearance is that of a professional musical manuscript.

[illegible][illegible]

• 

[illegible][illegible]

• 

[illegible]

- [illegible]

- [illegible]

- [illegible]

- [illegible]

- [illegible]

- [illegible]

- [illegible]

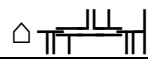
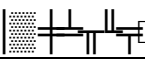
$$\gamma - \int \approx \sqrt{\gamma} \leq \approx$$

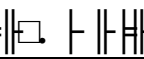
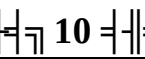
10 70 (2 4 5). 4 5. 10-11 (+ 70 $\sqrt{L}$, $\therefore$ 2017)

♂				
1.		1		
2.		25	2	2
3.		10	1	1
4.		8	1	
5.		24	1	1
2				
70				

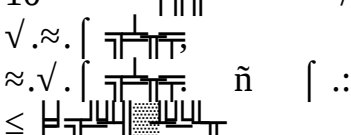
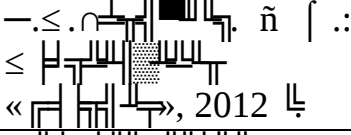
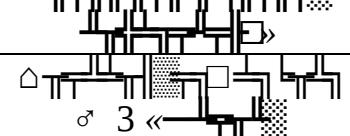
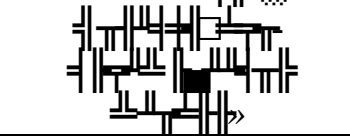
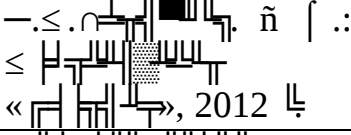
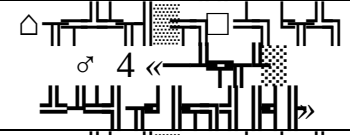
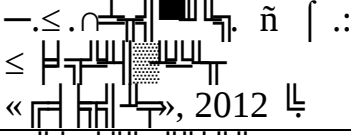
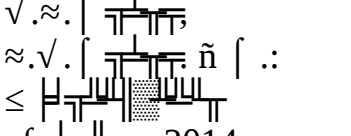
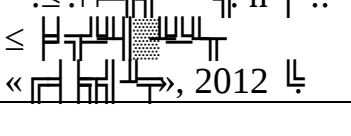
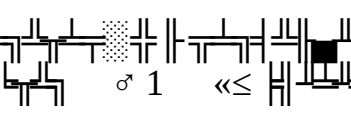
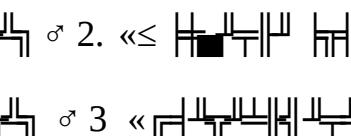
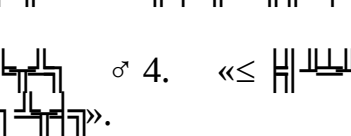
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

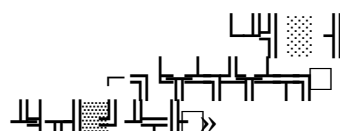
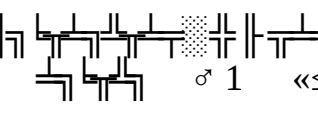
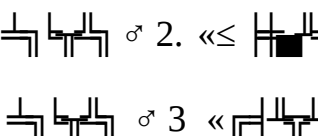
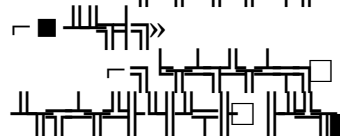
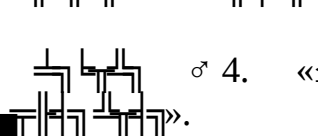
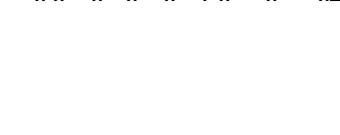
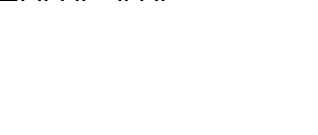
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

10


| ♂ | | ≤ | ≈ ∩ | ⌊ ⌋ |
|----|--|--|--------------|---------|
| 1. | ♂ 1 «  » | ∫ 
10 | 1.1.1-1.1.9 | 2.1-2.6 |
| 2. | ♂ 2 «  » | √.≈.∫ 
≈.√.∫  ñ ∫ ∴
≤ 
«∫  », 2014 ♭ | 1.2.1-1.5.5 | |
| 3. | ♂ 3 «  » | 
10 | 2.1.1-2.1.17 | 3.1-3.7 |
| 4. | ♂ 4 «  » | −.≤.∩  ñ ∫ ∴
≤ 
«∫  », 2012 ♭ | 2.2.1-2.2.11 | |
| 5. | ♂ 5 «  ». | ∫ 
11 ∫ 
√.≈.∫ 
≈.√.∫  ñ ∫ ∴
≤ 
«∫  », 2014.

10
∫ 
−.≤.∩  ñ ∫ ∴
≤ 
«∫  », 2012 ♭ | 3.1.1-3.2.10 | 4.1-4.7 |

 ♂ 1 «≤»
 ♂ 2. «≤»
 ♂ 3 «∫»
 ♂ 4. «≤»

- $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k} = \ln 2$
- $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^2} = \frac{\pi^2}{6}$
- $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^3} = \frac{\pi^2}{6}$, $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^4} = \frac{\pi^4}{90}$, $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^5} = \frac{\pi^5}{315}$ « Γ - Γ »
 $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^6} = \frac{\pi^6}{945}$, 10 $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^7} = \frac{\pi^7}{135}$, 2019
- $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^8} = \frac{\pi^8}{789375}$, 11 $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^9} = \frac{\pi^9}{362880}$, $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^{10}} = \frac{\pi^{10}}{6751680}$, $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^{11}} = \frac{\pi^{11}}{17640000}$, 2014.
- $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^{12}} = \frac{\pi^{12}}{120135360}$, 10 $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^{13}} = \frac{\pi^{13}}{2147483648}$, 2012

$$\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^p} = \frac{\zeta(p)}{p}$$

1. $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^p} = \frac{\zeta(p)}{p}$. <http://physics.nad.ru/>
2. $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^p} = \frac{\zeta(p)}{p}$. <http://www.int-edu.ru/soft/fiz.html>
9. $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^p} = \frac{\zeta(p)}{p}$. <http://www.phizinter.chat.ru/>
3. $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^p} = \frac{\zeta(p)}{p}$. <http://www.fizika.ru/>
4. $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^p} = \frac{\zeta(p)}{p}$. <http://experiment.edu.ru/>
5. $\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=1}^n \frac{1}{k^p} = \frac{\zeta(p)}{p}$. <http://www.school.edu.ru/projects/physicexp>

11 70 (2
). ã 4 ã5.
« $\triangle$ » 10-11 ($\sqrt{\cdot}$, $\therefore$
2017)

