

УТВЕРЖДАЮ
 Декан ФМО Усманов С.Ф.

28.09. 2018 г.

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| | 0,2 | 0,2 | | | 0,2 | 0,2 |
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| . | 36 | 36 | 54 | 54 | 90 | 90 |
| | 36,2 | 36,2 | 54,3 | 54,3 | 90,5 | 90,5 |
| . | 35,8 | 35,8 | 54 | 54 | 89,8 | 89,8 |
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| | 72 | 72 | 144 | 144 | 216 | 216 |

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| 1.2 | . | 3 | 2 | -2 | 1.3 1.4 2.2 | 1 | |
| 1.3 | . | 3 | 2 | -2 | 1.7 1.9 2.5 | 1 | |
| 1.4 | : | 3 | 2 | -2 | 1.6 1.10 2.4 2.6 3.1 | 0 | |
| 1.5 | : | 3 | 2 | -2 | 1.5 1.8 1.11 2.3 | 0 | |
| 1.6 | . | 3 | 2 | -2 | 1.12 1.13 3.2 | 0 | |
| 1.7 | () | 3 | 2 | -2 | 1.14 1.15 3.2 | 0 | |
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| 2.1 | . | 3 | 2 | -2 | 1.14 1.16 1.18 2.11 | 0 | |
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| 3.3 | | 4 | 4 | -2 | 1.48 1.51 2.2 2.6 | 0 | |
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| 3.5 | 1." 2." 3." | 4 | 4 | -2 | 1.55 1.20 1.21 2.18 | 0 | |

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| 3.6 | 1 2 3 4 / / | 4 | 8 | -2 | 1.33 1.34 2.15 | 0 | |
| 3.7 | 2. / / | 4 | 4 | -2 | 1.36 1.37 3.5 | 1 | |
| 3.8 | 1. 2. 3. / / | 4 | 4 | -2 | 1.35 1.38 3.6 | 0 | |
| 3.9 | / / | 4 | 8 | -2 | 1.39 1.42 2.16 | 0 | |
| | 4. . . . | | | | | | |
| 4.1 | 2. / / | 4 | 6 | -2 | 1.41 3.7 | 0 | |
| 4.2 | 1. 2. 3. / / | 4 | 6 | -2 | 1.40 1.43 | 1 | |
| 4.3 | 1 2 / / | 4 | 12 | -2 | 1.44 2.17 2.18 | 0 | |
| 4.4 | 1 2 / / | 4 | 0,3 | | | 0 | |
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| 5.2 | 1. : 2. . / / | 4 | 6 | -2 | 1.45 1.47 1.48 2.19 | 0 | |
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| 6.1 | . - . . / / | 4 | 4 | -2 | 1.23 1.27 1.20 2.20 | 1 | |
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5.

1. $Y=aX+b, [0, 1].$ $f(y)=0$ $(>0).$ $MY, DY. (. f(y)=l/a ^/ , +]$

2. $Y=\sin(X/2/t).$ $MY, DY.$

3. $Y \sim X^2.$ $f(y) F(y)$ $MY. DY. (. F(y)=0$
 $<0, F(y)=P(Y<y)= (2<)= (< '2)= !/\sim 0< <1$

4. $Y=X^.$ $MY, DY.$ $[- ,].$

5. $N(x,2,2).$ $(0< <1), (>4), F(4).$ $[. (0< <1) = 0$
 $(1)- (0,5); (>4)= 0.5- (2); (4)= 0,5+ 0(].$

6. $Y=X-J.$ $7=2/7. (. N(y,4.4J).$ $/7. DY.$

7. $2.8.$

8. $N(x,0,cr), <$ $+ , h X. + -, a.h.c = const, X-$
 $V=(a+X)(b+X)(c+X).$ $[. N(v, abc,(ab+bc+ac)*cr)].$

9. $(-), - .$ $:$

10. $exp(-t/r).$ $;$ $DT.$ $?$

11. $J'(x)=0 <0 f(x) = (-) >0.$ $7, 2.8.$

12. $() \sim 1/2 - (- 2/2)/ [(2)1/2],$ $\gg /$

13. $N(x; 0;1).$ $2 \neg (' 0,99999).$ $10 ?$
 $400 ".$ $10 ?$

5.4.

1) 100%

2) $(100/n)\%, n-$

3) $35 .$ 100% 1 20%

4) 3% $10 .$ 1 10%

5)

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| 6.3.1 | | | |
| 6.3.1.1 | 1) | - | |
| 6.3.1.2 | 2) | - | |
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| 6.3.2 | | | |
| 6.3.2.1 | http://moda_math.krsu.edu.kg/ . | | |
| 6.3.2.2 | http://math.krsu.edu.kg/ . | | |
| 6.3.2.3 | http://www.iprbookshop.ru.- | - | IPRbooks |
| 6.3.2.4 | www.benran.ru - | | |
| 6.3.2.5 | www.elibrary.ru - | | eLIBRARY.RU |
| 6.3.2.6 | www.window.edu.ru/window/ - | « | » |

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