**Проверка**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Метод левых прямоугольников | | | | | | | | | | | |
| **a** | 5 | | | | | | | | | | |
| **b** | 10 | | | | | | | | | | |
| **e** | 0.1 | | | | | | | | | | |
| **S1** | 125.00 | 203.13 | 246.09 | 268.55 | 280.03 | 285.83 | 288.74 | 290.20 | 290.93 | 291.30 | 291.48 |
| **S2** | 203.13 | 246.09 | 268.55 | 280.03 | 285.83 | 288.74 | 290.20 | 290.93 | 291.30 | 291.48 | 291.58 |
| **m** | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 | 1024 | 2048 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Метод правых прямоугольников | | | | | | | | | | | |
| **a** | 5 | | | | | | | | | | |
| **b** | 10 | | | | | | | | | | |
| **e** | 0.1 | | | | | | | | | | |
| **S1** | 500.00 | 203.13 | 246.09 | 268.55 | 280.03 | 285.83 | 288.74 | 290.20 | 290.93 | 291.30 | 291.48 |
| **S2** | 203.13 | 246.09 | 268.55 | 280.03 | 285.83 | 288.74 | 290.20 | 290.93 | 291.30 | 291.48 | 291.58 |
| **m** | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 | 1024 | 2048 |

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| --- | --- | --- | --- | --- | --- |
| Метод средних прямоугольников | | | | | |
| **a** | 5 | | | | |
| **b** | 10 | | | | |
| **e** | 0.1 | | | | |
| **S1** | 281.25 | 289.06 | 291.02 | 291.50 | 291.63 |
| **S2** | 289.06 | 291.02 | 291.50 | 291.63 | 291.66 |
| **m** | 2 | 4 | 8 | 16 | 32 |

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| --- | --- | --- | --- | --- | --- |
| Метод трапеций | | | | | |
| **a** | 5 | | | | |
| **b** | 10 | | | | |
| **e** | 0.1 | | | | |
| **S1** | 312.50 | 296.88 | 292.97 | 291.99 | 291.75 |
| **S2** | 296.88 | 292.97 | 291.99 | 291.75 | 291.69 |
| **m** | 2 | 4 | 8 | 16 | 32 |

|  |  |  |
| --- | --- | --- |
| Метод парабол | | |
| **a** | 5 | |
| **b** | 10 | |
| **e** | 0.1 | |
| **S1** | 208.33 | 291.67 |
| **S2** | 291.67 | 291.67 |
| **m** | 2 | 4 |

|  |  |  |
| --- | --- | --- |
| Метод Боде | | |
| **a** | 5 | |
| **b** | 10 | |
| **e** | 0.1 | |
| **S1** | 625.00 | 291.67 |
| **S2** | 291.67 | 291.67 |
| **m** | 2 | 4 |