**Варианты заданий к лабораторной работе №13**

**К задаче №1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Номер  измерения | Вариант | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 125,40 | 125,34 | 125,36 | 125,41 | 125,39 | 125,42 |
| 2 | 125,41 | 125,38 | 125,38 | 125,34 | 125,49 | 125,40 |
| 3 | 125,35 | 125,44 | 125,42 | 125,38 | 125,34 | 125,36 |
| 4 | 125,36 | 125,44 | 125,43 | 125,44 | 125,45 | 125,35 |
| 5 | 125,38 | 125,34 | 125,44 | 125,42 | 125,45 | 125,38 |
| 6 | 125,35 | 125,36 | 125,40 | 125,40 | 125,32 | 125,42 |
| 7 | 125,43 | 125,34 | 125,34 | 125,35 | 125,34 | 125,40 |
| 8 | 125,36 | 125,42 | 125,34 | 125,33 | 125,38 | 125,34 |
| 9 | 125,40 | 125,34 | 125,34 | 125,35 | 125,35 | 125,33 |

**К задаче №2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Номер  измерения | Вариант | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 100,21 | 99,73 | 100,22 | 99,86 | 99,70 | 100,10 |
| 2 | 99,82 | 99,98 | 100,00 | 99,80 | 99,85 | 100,10 |
| 3 | 99,85 | 99,96 | 100,12 | 100,12 | 99,75 | 100,10 |
| 4 | 99,95 | 100,04 | 99,76 | 100,22 | 100,00 | 100,15 |
| 5 | 99,80 | 100,22 | 99,82 | 100,00 | 100,06 | 100,13 |
| 6 | 100,20 | 100,07 | 100,23 | 100,11 | 100,27 | 99,88 |
| 7 | 100,06 | 100,11 | 99,88 | 99,88 | 100,18 | 99,91 |
| 8 | 100,10 | 100,09 | 99,95 | 99,80 | 100,04 | 99,77 |
| 9 | 100,01 | 99,64 | 100,02 | 100,20 | 100,15 | 99,84 |

**К задаче №3**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Номер  измерения | Вариант | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 100,21 | 99,73 | 245,22 | 314,86 | 277,70 | 368,10 |
| 2 | 100,24 | 99,75 | 245,24 | 314,81 | 277,73 | 368,15 |
| 3 | 100,26 | 99,72 | 245,19 | 314,87 | 277,71 | 368,11 |
| 4 | 100,22 | 99,70 | 245,22 | 314,85 | 277,68 | 368,08 |
| 5 | 100,23 | 99,69 | 245,22 | 314,86 | 277,70 | 368,12 |
| 6 | 100,20 | 99,75 | 245,18 | 314,88 | 277,69 | 368,14 |
| 7 | 100,18 | 99,74 | 245,23 | 314,90 | 277,72 | 368,09 |
| 8 | 100,16 | 99,68 | 245,17 | 314,89 | 277,75 | 368,12 |
| 9 | 100,19 | 99,73 | 245,25 | 314,79 | 277,71 | 368,13 |

**К задаче №4**

**Вариант 1**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** |
| **1** | **+2** | **11** | **-2** | **21** | **+6** | **31** | **-11** | **41** | **-12** |
| **2** | **+8** | **12** | **-6** | **22** | **-5** | **32** | **+12** | **42** | **+1** |
| **3** | **-1** | **13** | **-3** | **23** | **+2** | **33** | **-2** | **43** | **+4** |
| **4** | **+1** | **14** | **-10** | **24** | **+4** | **34** | **-2** | **44** | **+7** |
| **5** | **-6** | **15** | **+5** | **25** | **-8** | **35** | **+4** | **45** | **-4** |
| **6** | **+1** | **16** | **-1** | **26** | **+13** | **36** | **-5** | **46** | **-8** |
| **7** | **+10** | **17** | **+5** | **27** | **-1** | **37** | **-1** | **47** | **+13** |
| **8** | **-1** | **18** | **-6** | **28** | **-9** | **38** | **+7** | **48** | **-2** |
| **9** | **-10** | **19** | **+3** | **29** | **+9** | **39** | **+3** | **49** | **+9** |
| **10** | **+12** | **20** | **+11** | **30** | **-8** | **40** | **+1** | **50** | **-1** |

**Вариант 2**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** |
| **1** | **+3** | **11** | **-2** | **21** | **+5** | **31** | **-11** | **41** | **-11** |
| **2** | **+9** | **12** | **-6** | **22** | **-5** | **32** | **+12** | **42** | **+1** |
| **3** | **-2** | **13** | **-3** | **23** | **+2** | **33** | **-2** | **43** | **+4** |
| **4** | **+2** | **14** | **-10** | **24** | **+4** | **34** | **-2** | **44** | **+7** |
| **5** | **-8** | **15** | **+5** | **25** | **-8** | **35** | **+6** | **45** | **-4** |
| **6** | **+1** | **16** | **-1** | **26** | **+13** | **36** | **-5** | **46** | **-7** |
| **7** | **+11** | **17** | **+6** | **27** | **-1** | **37** | **-3** | **47** | **+13** |
| **8** | **-1** | **18** | **-5** | **28** | **-9** | **38** | **+7** | **48** | **-2** |
| **9** | **-10** | **19** | **+3** | **29** | **+9** | **39** | **+3** | **49** | **+9** |
| **10** | **+14** | **20** | **+11** | **30** | **-8** | **40** | **+1** | **50** | **-2** |

**Вариант 3**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** |
| **1** | **+1** | **11** | **-2** | **21** | **+8** | **31** | **-11** | **41** | **-13** |
| **2** | **+7** | **12** | **-6** | **22** | **-5** | **32** | **+12** | **42** | **+1** |
| **3** | **-1** | **13** | **-3** | **23** | **+2** | **33** | **-2** | **43** | **+6** |
| **4** | **+2** | **14** | **-10** | **24** | **+4** | **34** | **-2** | **44** | **+7** |
| **5** | **-6** | **15** | **+5** | **25** | **-8** | **35** | **+4** | **45** | **-4** |
| **6** | **+1** | **16** | **-1** | **26** | **+14** | **36** | **-5** | **46** | **-8** |
| **7** | **+10** | **17** | **+5** | **27** | **-1** | **37** | **-1** | **47** | **+12** |
| **8** | **-2** | **18** | **-6** | **28** | **-9** | **38** | **+9** | **48** | **-2** |
| **9** | **-12** | **19** | **+3** | **29** | **+9** | **39** | **+4** | **49** | **+9** |
| **10** | **+12** | **20** | **+11** | **30** | **-7** | **40** | **+1** | **50** | **-1** |

**Вариант 4**

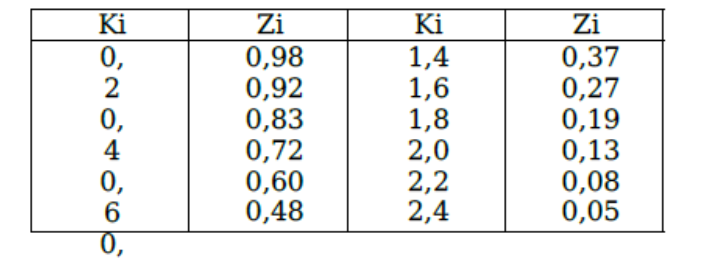
|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** |
| **1** | **+2** | **11** | **-2** | **21** | **+7** | **31** | **-11** | **41** | **-11** |
| **2** | **+8** | **12** | **-6** | **22** | **-5** | **32** | **+12** | **42** | **+1** |
| **3** | **-1** | **13** | **-4** | **23** | **+4** | **33** | **-2** | **43** | **+4** |
| **4** | **+1** | **14** | **-10** | **24** | **+4** | **34** | **-2** | **44** | **+7** |
| **5** | **-5** | **15** | **+6** | **25** | **-8** | **35** | **+4** | **45** | **-4** |
| **6** | **+1** | **16** | **-1** | **26** | **+13** | **36** | **-5** | **46** | **-7** |
| **7** | **+10** | **17** | **+5** | **27** | **-1** | **37** | **-1** | **47** | **+13** |
| **8** | **-1** | **18** | **-6** | **28** | **-10** | **38** | **+7** | **48** | **-2** |
| **9** | **-10** | **19** | **+4** | **29** | **+9** | **39** | **+3** | **49** | **+9** |
| **10** | **+12** | **20** | **+12** | **30** | **-8** | **40** | **+1** | **50** | **-1** |

**Вариант 5**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** |
| **1** | **+4** | **11** | **-2** | **21** | **+6** | **31** | **-10** | **41** | **-12** |
| **2** | **+9** | **12** | **-6** | **22** | **-5** | **32** | **+12** | **42** | **+1** |
| **3** | **-1** | **13** | **-3** | **23** | **+2** | **33** | **-2** | **43** | **+4** |
| **4** | **+1** | **14** | **-11** | **24** | **+4** | **34** | **-2** | **44** | **+7** |
| **5** | **-6** | **15** | **+5** | **25** | **-7** | **35** | **+4** | **45** | **-4** |
| **6** | **+1** | **16** | **-1** | **26** | **+14** | **36** | **-5** | **46** | **-8** |
| **7** | **+10** | **17** | **+5** | **27** | **-1** | **37** | **-1** | **47** | **+13** |
| **8** | **-1** | **18** | **-6** | **28** | **-9** | **38** | **+8** | **48** | **-1** |
| **9** | **-10** | **19** | **+3** | **29** | **+9** | **39** | **+3** | **49** | **+8** |
| **10** | **+12** | **20** | **+11** | **30** | **-8** | **40** | **+1** | **50** | **-1** |

**Вариант 6**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** | **№ измер.** | **Δ,см** |
| **1** | **+5** | **11** | **-2** | **21** | **+6** | **31** | **-11** | **41** | **-12** |
| **2** | **+8** | **12** | **-6** | **22** | **-5** | **32** | **+12** | **42** | **+1** |
| **3** | **-1** | **13** | **-3** | **23** | **+2** | **33** | **-2** | **43** | **+4** |
| **4** | **+1** | **14** | **-10** | **24** | **+4** | **34** | **-2** | **44** | **+7** |
| **5** | **-6** | **15** | **+5** | **25** | **-9** | **35** | **+6** | **45** | **-4** |
| **6** | **+1** | **16** | **-1** | **26** | **+13** | **36** | **-5** | **46** | **-8** |
| **7** | **+10** | **17** | **+6** | **27** | **-1** | **37** | **-1** | **47** | **+13** |
| **8** | **-1** | **18** | **-1** | **28** | **-9** | **38** | **+7** | **48** | **-2** |
| **9** | **-10** | **19** | **+3** | **29** | **+9** | **39** | **+3** | **49** | **+9** |
| **10** | **+12** | **20** | **+11** | **30** | **-8** | **40** | **+1** | **50** | **-1** |

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