**Lucrarea nr. 18**

**(Borta I., Murohovschi S., Plesu C. TI-206).**

**Tabelul măsurărilor şi determinărilor.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № |  | ***x1*** | ***x2*** | ***x3*** | ***x4*** | ***x5*** | ***λ1*** | ***λ 2*** | ***λ 3*** | ***λ 4*** | ***λmed*** |  | *Δv* |  |
| Hz | mm | mm | mm | mm | mm | m | m | m | m | m | m/s | m/s | % |
| 1 | **3404** | 49 | 97 | 148 | 199 | 250 |  |  |  |  |  |  |  |  |
| 2 | **3522** | 35 | 83 | 132 | 177 | 225 |  |  |  |  |  |  |  |  |
| 3 | **3805** | 42 | 85 | 134 | 173 | 220 |  |  |  |  |  |  | \* | \* |
| med | - | - | - | - | - | - | - | - | - | - |  |  |  |  |

**Formula de calcul a erorii**

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**Lucrarea nr. 22 (Borta I., Murohovschi S., Plesu C. TI-206).**

**Tabelul măsurărilor şi determinărilor.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *k* | *rk* | *rk2* | *tgϕ* | *l* | *n* |
|  | mm | mm2 |  | cm |  |
| 1 | 12.0 | 144.0 |  | 56.0 |  |
| 2 | 17.0 | 289.0 |
| 3 | 21.0 | 441.0 |
| 4 | 24.5 | 600.3 |
| 5 | 27.5 | 756.3 |
| 6 | 30.5 | 930.3 |
| 7 | 33.0 | 1089.0 |
| 8 | 35.3 | 1246.1 |

|  |  |  |
| --- | --- | --- |
| *l* = 56 cm | b = (7,4 ± 0.1) mm | *λ* = 0.63 μm |