Fiabilitate şi diagnoză Prenume, Nume: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Anul şi grupa: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Data efectuării laboratorului: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Data predării lucrării: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FIŞA DE LUCRU RD-3

FIABILITATEA UNUI ECHIPAMENT ELECTRIC

1. Numele produsului analizat: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Parametrii încercărilor: *n0* = \_\_\_\_\_\_\_; *r0* = 10; *tc* = \_\_\_\_\_\_\_; *tt* = t = 10000; *r* = \_\_\_\_\_\_\_\_
3. Unitatea de măsură pentru **t**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Date experimentale

Tabelul 0. **Date eşantionare primare** Tabelul 1. **Date eşantionare ordonate**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  | 312.932 | 344.829 | 974.4 | 5.46e03 | 5.59e03 | 5.86e03 | 6.67e03 | 7.16e03 | 7.45e03 | 1.02e04 |
|  |  |  |  |  |  |  |  |  |  | 1.03e04 | 1.07e04 | 1.117e04 | 1.194e04 | 1.194e04 | 1.194e04 | 1.198e04 | 1.1989e04 | 1.1999e04 | 1.1999e04 |
|  |  |  |  |  |  |  |  |  |  | 1.2e04 | 1.2e04 | 1.2e04 | 1.2e04 |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Eşantion epuizat | Eşantion cenzurat | Eşantion trunchiat |
| \_\_\_\_\_\_\_ | *r0* = 10  *SC* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | t = 10000  r = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ST = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Tabelul 3. **Date grupate (eşantion epuizat)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Indexul grupului | Intervalul de grupare  *ti* ÷ *ti+1* | Valoarea centrală *tCI* | *Dri* | *ri=* | *ni* |  |  |
| 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

# Indicatori calculaţi

a) Eşantion epuizat

\_\_\_\_\_\_\_\_\_\_\_\_\_; \_\_\_\_\_\_\_\_\_\_\_\_\_

b) Eşantion cenzurat

\_\_\_\_\_\_\_\_\_\_\_\_\_; \_\_\_\_\_\_\_\_\_\_\_\_\_

c) Eşantion trunchiat

\_\_\_\_\_\_\_\_\_\_\_\_\_; \_\_\_\_\_\_\_\_\_\_\_\_\_