Ministerul Educației Tineretului și Sportului al Republicii Moldova

Universitatea Tehnică a Moldovei

REFERAT

Lucrarea de Laborator nr. 27

Tema: STUDIUL POLARIZĂRII LUMINII PRIN REFLEXIE DE LA UN DIELECTRIC

| A efectuat | Studentul grupei | | | |
|---------------|------------------|----------|-----------|------------------------|
| | Sé | emnătura | | nume, prenume |
| A verificat _ | nota | data | semnătura | nume, prenume profesor |
| | | Chis | inău | _ |

| 8 9 10 11 | 1. | Scopul lucrări: |
|---|----------|--|
| Schema instalației | | |
| Schema instalației | | |
| Inde : | | Aparate și accesorii: |
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| $P = \frac{I_{\text{max}} - I_{\text{min}}}{I_{\text{max}} + I_{\text{min}}}$ 7 8 9 10 11 12 12 $I = I_0 \cos^2 \alpha$ | | 0 6 10 11 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | Jn | de: |
| 9 10 11 12 $E = \frac{I_{\text{max}} - I_{\text{min}}}{I_{\text{max}} + I_{\text{min}}} \qquad tgi_1 = \frac{n_2}{n_1} = n_{21} \qquad I = I_0 \cos^2 \alpha$ | | 7 |
| $I0$ $I1$ $I2$ $I2$ $P = \frac{I_{\text{max}} - I_{\text{min}}}{I_{\text{max}} + I_{\text{min}}} \qquad tgi_1 = \frac{n_2}{n_1} = n_{21} \qquad I = I_0 \cos^2 \alpha$ | 2 | 8 |
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| Formula de calcul: $P = \frac{I_{\text{max}} - I_{\text{min}}}{I_{\text{max}} + I_{\text{min}}} \qquad tgi_1 = \frac{n_2}{n_1} = n_{21} \qquad I = I_0 \cos^2 \alpha$ | 5 | 11 |
| $P = \frac{I_{\text{max}} - I_{\text{min}}}{I_{\text{max}} + I_{\text{min}}} \qquad tgi_1 = \frac{n_2}{n_1} = n_{21} \qquad I = I_0 \cos^2 \alpha$ | (| 12 |
| | | $P = \frac{I_{\text{max}} - I_{\text{min}}}{I_{\text{max}} + I_{\text{min}}} \qquad tgi_1 = \frac{n_2}{n_1} = n_{21} \qquad I = I_0 \cos^2 \alpha$ |
| | JU(| ມະ |
| | | |

5. Tabela măsurărilor și determinărilor ___

data / semnătura profesorului

| α | I | $\frac{I}{\mathrm{I}_{\mathrm{max}}}$ | cosα | $\cos^2 \alpha$ |
|-----|---|---------------------------------------|------|-----------------|
| | | | | |
| 0 | | | | |
| 10 | | | | |
| 20 | | | | |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |
| 60 | | | | |
| 70 | | | | |
| 80 | | | | |
| 90 | | | _ | |
| 100 | | | | |
| 110 | | | | |
| 120 | | | | |
| 130 | | | | |
| 140 | | | | |
| 150 | | | | |
| 160 | | | | |
| 170 | | | | |
| 180 | | | | |
| 190 | | | | |
| 200 | | | | |
| 210 | | | | |
| 220 | | | | |
| 230 | | | | |
| 240 | | | | |
| 250 | | | | |
| 260 | | | | |
| 270 | | | | |
| 280 | | | | |
| 290 | | | | |
| 300 | | | | |
| 310 | | | | |
| 320 | | | | |
| 330 | | | | |
| 340 | | | | |
| 350 | | | | |
| 360 | | | | |

| Nr | i | I_{max} | I_{min} | P | |
|------------------|----|--------------------|--------------------|---|--|
| | | | | | |
| 1 | 20 | | | | |
| 2 | 30 | | | | |
| 3 4 5 6 | 40 | | | | |
| 4 | 50 | | | | |
| 5 | 60 | | | | |
| 6 | 70 | | | | |
| 7 | 80 | | | | |

| 6. | Exemplu | l de | calo | cul |
|-----------|---------|------|------|-----|
|-----------|---------|------|------|-----|

$$i_I = \underline{\hspace{1cm}}$$
 $P = \underline{\hspace{1cm}}$

7. Rezultatul final