

Errata

Experimental determination of nematic director distribution in the vicinity of the interface by reflectivity measurements

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The formula (4) must be replaced by :

$$\frac{\phi}{2\pi} = \frac{1}{\lambda} \int_0^e n \cos r \, dz - \int_0^e n' \cos r' \, dz \quad (4)$$

where the first integral corresponds to the ray travelling along with the z direction and the second to the ray going in the reverse direction.

In the same way, the formula (12) must be replaced by :

$$\frac{\phi}{2\pi} = \frac{h}{\lambda} [n \cos r + n' \cos r'] \quad (12)$$

where $n' \cos r'$ is deduced from $n \cos r$ by changing θ in $-\theta$.

As a result, the term $-k \ln \frac{k^2}{n_e^2}$ in the formula (16) must be disregarded and the 1 in the formula (17) as well.

Relaxation of high lying excited state of Nd^{3+} ions in YAG : Nd^{3+} and in YAP : Nd^{3+}

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1) Page C7-387, lignes 10 et 11 :

lire ${}^2\text{F}(2)_{5/2} \rightarrow {}^4\text{G}_{7/2}$ au lieu de ${}^2\text{F}(2)_{5/2} \rightarrow {}^4\text{F}_{5/2} + {}^2\text{H}_{9/2}$.

2) Page C7-388, dans la légende de la figure 3 :

lire ${}^2\text{F}(2)_{5/2} \rightarrow {}^4\text{G}_{7/2}$ au lieu de ${}^2\text{F}(2)_{5/2} \rightarrow {}^4\text{F}_{5/2} + {}^2\text{H}_{9/2}$.