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:

\[ \frac{\phi}{2\pi} = \frac{1}{\lambda} \int_0^r n \cos r \, dz - \int_0^{r'} n' \cos r' \, dz \]  

(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:

\[ \frac{\phi}{2\pi} = \frac{h}{\lambda} \left[ n \cos r + n' \cos r' \right] \]  

(12)

where \( n' \cos r' \) is deduced from \( n \cos r \) by changing \( \theta \) in \(-\theta\).

As a result, the term \(-k\) in \( \frac{k^2}{n_c^2} \) 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\(^{4+}\)

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

lire \( ^3\text{F}(2)_{5/2} \rightarrow ^4\text{G}_{7/2} \) au lieu de \( ^3\text{F}(2)_{5/2} \rightarrow ^4\text{F}_{5/2} + ^3\text{H}_{9/2} \).

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

lire \( ^3\text{F}(2)_{5/2} \rightarrow ^4\text{G}_{7/2} \) au lieu de \( ^3\text{F}(2)_{5/2} \rightarrow ^4\text{F}_{5/2} + ^3\text{H}_{9/2} \).