



Optica Applicata 2006(Vol.36), No.4, pp. 483-487

The temporal dipole moments of solute molecules undergoing charge transfer

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Keywords

time dependences, dipole moment, charge transfer

Abstract

The expression for time dependence of excited state dipole moment of molecule with charge transfer on the correlation function of instant spectra kinetics has been deduced on the basis of the theory of solvatochromism. Time dependence of excited state dipole moment of well known luminescence probe 6-propionyl-2-dimethylaminonaphthalene in polar solvent is presented.



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