



Near-field mapping of spectroelectrochemical properties of polyaniline

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Auteur	Barille, Régis [1], Gribkova, O.L. [2], Tameev, A.R. [3], Nekrasov, A.A. [4], Ivanov, V.F. [5], Vannikov, A.V. [6]
Résumé en anglais	We combine in this work the measurement of local optical transmission in the near-field with the mapping of the third harmonic generation of semiconducting polymer samples. The use of a linear method with the scanning near-field optical microscope (SNOM) and a nonlinear method with the Third Harmonique Generation (THG) microscope reveal the variation and the nature of the nanomorphology of doped polyaniline thin films.
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