

Abstract

This work is focused on photogeneration of free charge carriers in polymer materials with stress on one dimensional models. We discuss new model presented in the article [2]. This model is applied on experimental data of poly[1-trimethylsilylphenyl,2-phenyl]acetylene.

Key words

Photoconductivity, conjugated polymers, photogeneration of free charge carriers in polymers, poly[1-trimethylsilylphenyl,2-phenyl]acetylene, charge transfer states