



## IN THE WORLD OF BOOKS

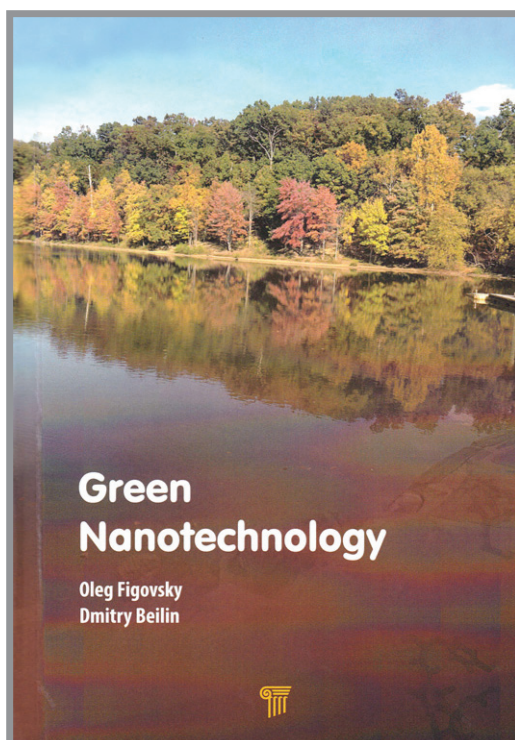
### HE PUBLISHED A BOOK «GREEN NANOTECHNOLOGY»

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Green nanotechnology has two goals: producing nanomaterials and products without harming the environment or human health, and producing nanoproducts that provide solutions to environmental problems. It uses existing principles of green chemistry and green engineering to make nanomaterials and nanoproducts without toxic ingredients, at low temperatures using less energy and renewable inputs wherever possible, and using lifecycle thinking in all design and engineering stages.

The production and process aspects of green nanotechnology involve both making nanomaterials in a more environmen-



tally benign fashion and using nanomaterials to make current chemical processes more environmentally acceptable.

This book contains information about advanced nanomaterials that can be produced without harming the environment or human health. This encompasses the production of nanomaterials without environmental toxicity, at room temperature and with the use of renewable energy sources. The book contains the descriptions and results of theoretical and experimental researches in the field of environment friendly nanotechnology carried out over the past decade by the scientific team of company Polymate Ltd.-International Nanotechnology Center (Israel) under leadership of Prof. O. Figovsky. Developments of the Company have been used in industry and agriculture and protected by more than 25 patents of USA, Germany and Russia.

