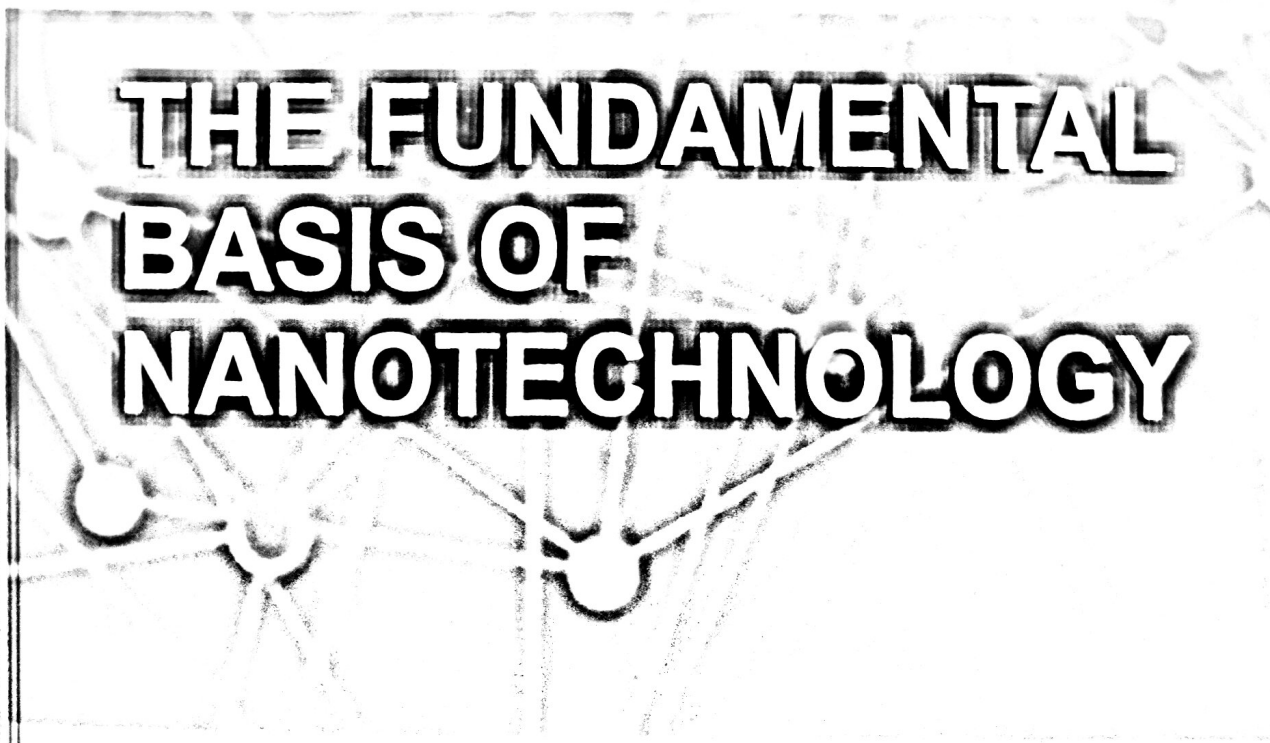


M. Nazhipkyzy  
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# THE FUNDAMENTAL BASIS OF NANOTECHNOLOGY

**Educational manual**

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РЕПУБЛИКАСЫ



AL-FARABI KAZAKH NATIONAL UNIVERSITY

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THE FUNDAMENTAL BASIS  
OF NANOTECHNOLOGY

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The educational manual is devoted for modern carbon materials and their properties, production technologies and fields of application of nanomaterials. The textbook presents the results of research and development of the Institute of Combustion Problems in the field of nanomaterials and nanotechnology at the KazNU named Al-Farabi.

Nanotechnology is one of the key directions in the development of industry and the progress of society. Therefore, the development of this branch of science ensures obtaining objects of any purpose.

The educational manual is intended for master students of the specialization «6M074000 – Nanotechnologies and Nanomaterials», and also for students of specialization «5B060600 – Chemistry», and PhD doctoral students specialization «6D074000 – Nanotechnologies and Nanomaterials». Despite, the textbook can be useful for wide range of specialists and teachers.

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