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**Keywords:** nano-modification, solid fuel, astralens, taunit, singlet oxygen, triplet oxygen, catalyst, burning, ignition, therm-electric power station, heat -and-power engineering, fuel preparation.
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**Keywords:** densely packed nuclear structures, crystallisation process under pressure, indicators of hardness, the Young's module, elastic restoration, a thermal capacity as function from temperature, dilatometrition, estimations of force of intemuclear communications.
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**Keywords:** thermoelectric modules, thermoelement branch, mechanical strength.
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**Keywords:** silicon pressure strain transducer, IPD chip, membrane with solid center.

**Mokrov E. A., Belozubov E. M., Belozubova N. E.** *Thin-Film Capacitance Microelectromechanical Systems with the Deformable Dielectric* . . . . . 31

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**Keywords:** silicon dioxide, gate dielectric, transition layer, permittivity, nano MOSFET.

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**Keywords:** ultraviolet radiation, phosphor, field-emission, field-emission cathode, spectral characteristics, photonic crystal.

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**Keywords:** atom-molecular assemblage, strength of forming, energy of bonding, nanotechnology, model.

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**Keywords:** SOC VLSI circuit, system model, program-analyzer.

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