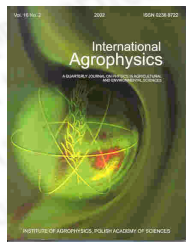




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Quantum mechanical approach to randomly-packed beds of spheres in the container

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abstract In the paper a proposal for a new idea of description of granular materials is sketched. The quantum mechanical like theory is applied to the problem of the randomly packed spheres in the container.

keywords sphere packing, granular materials