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Structure of Few-Hyperon Systems Studied with the Integro-Differential Equations Approach

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<p>Ground-state properties of three-nucleon systems consisting of one and two hyperons are studied with the integro-differential equations approach. The Hamiltonian of the systems is constructed with semi-realistic nucleon-nucleon interactions and phenomenological nucleon-hyperon interactions. The results obtained for the ground-state energies and root-mean-square radii are compared with the findings of other theoretical methods.

Level (Hons, MSc,
   PhD, other)?

MSc

Consider for a student
   award (Yes / No)?

No

Would you like to <br> submit a short paper <br> for the Conference
 Proceedings (Yes / No)?

Yes

Primary author: Mr RAMPHO, Gaotsiwe Joel (University of South Africa)

Co-author: NKUNA, John S. (University of South Africa)

Presenter: NKUNA, John S. (University of South Africa)

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