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## Isospin Properties and Pair Correlations in 88Ru

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The character of nuclear superfluidity and the isospin modes of nucleonic pair correlations is a longstanding problem of large interest in nuclear structure physics.

In recent years, intermediate-angular momentum states in heavy N~Z nuclei such as 88Ru are becoming accessible with advances in instrumentation, most notably the new generation of ⊠-ray tracking arrays.

The low-lying energy spectrum of the self-conjugate nucleus 88Ru has been measured using the Advanced Gamma Tracking Array (AGATA) spectrometer in conjunction with the NEDA and Neutron Wall neutron detector arrays, and the DIAMANT charged particle detector array.

The observed \( \emptyset{\text{\$\}\exitit{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$

These seemingly conflicting experimental observations will be discussed in relation to state-of-the-art theoretical model predictions.

## **Funding Agency**

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