

## Prospects for IPAC measurements

*mardi 13 mai 2025 12:00 (20 minutes)*

The method of integral perturbed correlations (IPAC) will briefly be introduced and its potential for application at RIB facilities, in particular FAIR, will be considered. IPAC is a well-known method for the measurement of typically ns-lived excited states. It is based on the precession of nuclei in their excited states in a strong magnetic field, requiring a gamma-gamma coincidence measurement. Historically, the method has been used in conjunction with stable beams and decay spectroscopy. The feasibility for isotopes abundantly produced at RIB facilities will be discussed.

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