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## Angular correlations and direct linear polarisation measurements with FIPPS instrument

Angular correlation measurements and direct linear polarization measurements are powerful tools for identifying the spins and parities of excited nuclear states involved in a  $\gamma$ -ray cascade, and for measuring the multipole orders and mixing ratios of transitions. Though the physical angular correlations are fully calculable from first principles, experimental effects can make the extraction of coefficients and thus conclusions about spins and mixing ratios difficult. I will present data analysis techniques developed for the clover detectors of the FIPPS spectrometer at ILL Grenoble.

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