

# Thiourea and Thiourea Inclusion Compounds. A $^{14}\text{N}$ NQR Investigation

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A reinvestigation of the nitrogen-14 NQR in thiourea has permitted to record, apparently for the first time, the resonances above 169 K. The first order and second order of the transitions at 169 K and 202 K, respectively, appear clearly from the temperature dependence of the resonance frequencies; the modulated structure, incommensurate or commensurate, is also seen on the  $^{14}\text{N}$  NQR spectrum. This study is the first step of a new investigation of thiourea and its inclusion compounds.

*Key words:* Thiourea; Nitrogen-14 NQR; Phase Transitions; Commensurate; Incommensurate Modulations; Inclusion Compounds.