

**<sup>31</sup>P CPMAS NMR studies of some mono- and Di-nuclear complexes of copper(I) iodide and phosphines.** Seddigi, Zaki. S.; Wazeer, Mohamed I. M.. Department of Chemistry, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia. Canadian Journal of Analytical Sciences and Spectroscopy (2005), 50(2), 65-69.

**Abstract**

Phosphorus-31 CPMAS spectra are reported for some copper(I) iodide phosphine complexes showing monomeric and dimeric structures. The spectra show distorted quartets of unequal line spacing, indicating significant deviation from spherical symmetry at the copper nucleus. A larger quadrupole induced distortion is obsd. for the three-coordinate monomeric complexes than that for the four-coordinate dimeric complexes.