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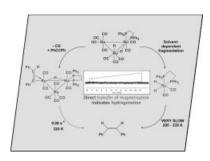
Pages 4339-4532

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COVER PICTURE

The cover picture shows the reaction pathways available to Ru₃(CO)₁₀(dppe) in the catalytic hydrogenation of diphyenylacetylene, as elucidated by parahydrogen-assised NMR spectroscopy. The cluster leads to catalytic hydrogenation via a detected vinyl hydride intermediate, but fragments in low polarity solvents. Details are discussed in the article by S. B. Duckett et al. on p. 4381 ff. We thank Universities UK (ORS award), Bruker Biospin UK and The University of York for financial support.



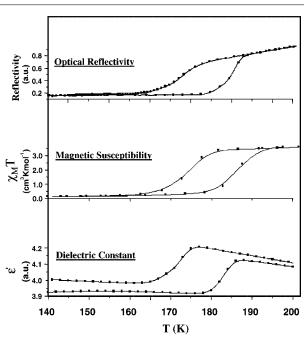
MICROREVIEW Contents

4353 A. Bousseksou,* G. Molnár,

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Switching of Molecular Spin States in Inorganic Complexes by Temperature, Pressure, Magnetic Field and Light: Towards Molecular Devices

Keywords: Spin crossover / Metastability / Hysteresis loop / Pressure / Magnetic field / Dielectric properties / Ising-like model



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