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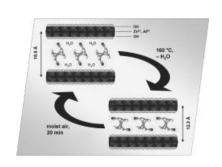
Pages 1353-1570

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COVER PICTURE

The cover picture shows how removal of interlayer water from a Zn-Al layered double hydroxide pillared by 1,1'-ferrocene-dicarboxylate anions results in reorientation of the guest species and formation of a collapsed phase. Exposure of the collapsed phase to moist air leads to rapid recovery of the expanded phase. A material containing ferrocenecarboxylate anions has also been prepared and found to exhibit a basal spacing of 20.0 Å in the fully hydrated form, consistent with the presence of a bilayer of organometallic guest species. Details of the synthesis and characterization of these compounds are given in the article by M. Pillinger, I. S. Gonçalves et al. on p. 1389 ff.

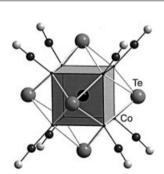


MICROREVIEW Contents

1367 J. Wachter

Metal Telluride Clusters – From Small Molecules to Polyhedral Structures

Keywords: Niobium / Tellurium / Polymetallic complexes / Clusters / Structures / Reactivity



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