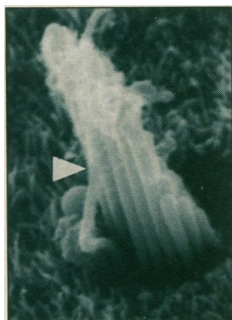




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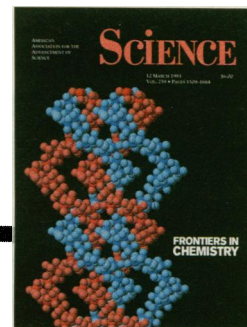
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Representation of chiral, intertwined double helices in a portion of the vanadium phosphate $[(\text{CH}_3)_2\text{NH}_2\text{-K}_4[\text{V}_{10}\text{O}_{10}(\text{H}_2\text{O})_2(\text{OH})_4(\text{PO}_4)_7] \cdot 4\text{H}_2\text{O}]$, a complicated inorganic solid that self-assembles from structurally simpler reactants. The two different colors represent the two types of intertwined, crystallographically indepen-

dent spirals that are composed of vanadium oxo pentamers bonded together with P^{5+} cations. See page 1596. New developments in chemistry are featured in a special section of this issue beginning on page 1552. [Image: Yoko Ozawa and Brad Gianulis, generated by CAChe software, Tektronix]



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