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Representation of chiral, intertwined double helices in a portion of the vanadium phosphate [(CH3)2NH- K[V10O10(H2O)2(OH)](PO4)2]·4H2O. A complicated inorganic solid that self-assembles from structurally simpler reactants. The two different colors represent the two types of intertwined, crystallographically independent spirals that are composed of vanadium oxo pentamers bonded together with P4+ 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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