

## Cover Picture

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**The cover picture conveys** the concise message that a fixed element of axial chirality residing in one ring of a catenane can induce chirality of a helical nature within a dynamic setting in the other (interlocked) ring. The overwhelming preference for one enantiomeric pair within a bipartite set of diastereoisomers relating to the particular [2]catenane, presented as its X-ray crystal structure in the circular inset, becomes more and more pronounced as its 1,4-dioxybenzene units are replaced, one at a time, by 1,5-dioxynaphthalene ones, with their concomitant planar chiralities. The very high levels of induction of dynamic helical and planar chiralities by a fixed source of axial chirality in a simple catenane conjures up a number of scenarios where this approximately cubic nanometer of programmable information might be put to good use. For more details concerning these tiny stereochemical wonders with no stereogenic center in sight, see the article on p. 543 ff by J. F. Stoddart and D. J. Williams and the wizards that work their magic for them.

