



Corrigendum

**Corrigendum to “A stopperless tetrathiafulvalene based
[2]pseudorotaxane molecular shuttle”
[Tetrahedron Lett. 42 (2001) 4223–4226][†]**Martin R. Bryce,^a Graeme Cooke,^{b,*} Wayne Devonport,^a Florence M. A. Duclairoir^b and
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In this article we stated that we had produced a pseudorotaxane based molecular shuttle (Fig. 1a), in which the electron deficient macrocycle cyclobis-(paraquat-*p*-phenylene) moves intramolecularly between two degenerate tetrathiafulvalene units of a stopperless axle. After discussions with Professors Leigh and Stoddart, it seems more likely that the macrocycle passes from one end of the axle to the other by first dethreading from the pseudorotaxane, followed by either an intra- or intermolecular recomplexation with a vacant TTF unit (Fig. 1b). Therefore, as the interconversion between occupied and unoccupied stations probably occurs principally via an intermolecular rather than an intramolecular route, the term shuttle is inappropriate.

It is the author's intention to clarify to what extent shuttling and/or a decomplexation/recomplexation is occurring by obtaining thermodynamic and kinetic data for our original and analogous systems, and the results of this investigation will be reported in due course.

We thank Professors David Leigh and Fraser Stoddart for bringing this misinterpretation to our attention.

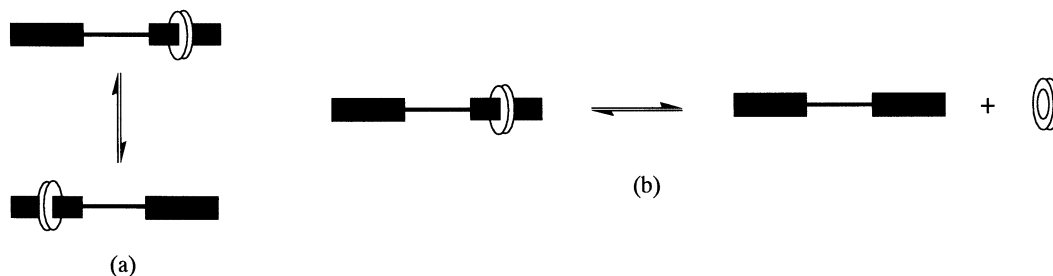


Figure 1. Shuttling versus a decomplexation/recomplexation process.

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