1042-03-55 **Steffen Lempp*** (lempp@math.wisc.edu), Department of Mathematics, University of Wisconsin, 480 Lincoln Drive, Madison, WI 53706-1388, **Rodney G Downey**, School of Mathematics, Statistics and CS, Victoria University of Wellington, PO Box 600, Wellington, New Zealand, and **Bart Kastermans**, 480 Lincoln Dr, Department of Mathematics, University of Wisconsin, Madison, WI 53706-1388. *Computable Self-Embeddings of Linear Orderings.* Preliminary report.

We make progress toward solving a long-standing open problem in the area of computable linear orderings by showing that every computable η-like linear ordering without an infinite strongly η-like interval has a computable copy without nontrivial computable self-embedding.

The precise characterization of those computable linear orderings which have computable copies without nontrivial computable self-embedding remains open. (Received August 04, 2008)