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Tara S Holm* (tara.holm@cornell.edu), Department of Mathematics, Cornell University, Ithaca, NY 14850, and **Ana Rita Pires**. *Morse theory and symplectic origami*.

We give a brief introduction to symplectic origami, which are a special case of folded symplectic manifolds. We then discuss how Morse theory techniques may be adapted to the origami situation. Main results will be illustrated by examples. (Received June 25, 2011)