

# GLOBALLY VARIATIONAL FORMS ON THE MÖBIUS STRIP: EXAMPLES

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ABSTRACT. Examples of globally variational source forms (ordinary differential equations) defined on the open Möbius strip are studied by means of the Vainberg–Tonti construction. Our choice of the underlying space follows from the variational sequence theory on fibered manifolds, which guarantees global variationality over topological spaces with trivial the second de Rham cohomology group.