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William C Bauldry* (BauldryWC@appstate.edu), Dept of Mathematical Sciences, Appalachian State University, Boone, NC 28606. *Introduction to Complex Analysis with Maple 6*. Preliminary report.

We will discuss use of Maple 6 in a Complex Analysis course. CAS can be used for many topics from complex arithmetic, through Laurent series, to conformal mappings. We will see examples from the classroom of these and other topics. (Received May 19, 2000)