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**William C Bauldry\*** ([bauldrywc@appstate.edu](mailto:bauldrywc@appstate.edu)), Dept of Math Sciences, Appalachian State University, 121 Bodenheimer Dr, Boone, NC 28608. *Microworlds with Maple for Investigating Complex Analysis*. Preliminary report.

We show how Maple can be used to augment an introductory complex analysis course. Computations and plots are the easy first steps. More meaningful student investigations can be designed using Maple's components to generate 'microworlds' in which students can explore complex variables using the *Action-Consequence-Reflection* (ACR) paradigm. (Received August 29, 2014)