T. Shaska* (shaska@oakland.edu) and L. Beshaj. *Julia quadratic of superelliptic Riemann surfaces.

We will give a brief review of how to algebraically determine the Julia quadratic of superelliptic Riemann surfaces. Computations for surfaces of genus 2 and 3 will be shown. Moreover, we will compare such computations with the case when the superelliptic surface has extra automorphisms. (Received August 08, 2015)