1118-30-20 **Alexandre Eremenko*** (eremenko@math.purdue.edu), Purdue University, 150 N University street, West Lafayette, IN 47907, and **Walter Bergweiler** (bergweiler@math.uni-kiel.de), Ludewig–Meyn– Strasse, 4, 42098 Kiel, Germany. *Critical points of Green's function and anti-holomorphic dynamics.*

We give a new, simple proof of the fact recently discovered by C.-S. Lin and C.-L. Wang that the Green function of a torus has either three or five critical points, depending on the modulus of the torus. The proof uses anti-holomorphic dynamics. As a byproduct we find a one-parametric family of anti-holomorphic dynamical systems for which the parameter space consists of only two hyperbolic components and a piecewise analytic curve separating them. (Received December 13, 2015)