

1154-32-2601 **Tanya Firsova*** (tanyaf@math.ksu.edu). *Critical locus for complex Henon maps*. Preliminary report.

Henon maps are automorphisms of \mathbb{C}^2 and as such do not have critical points. Critical loci defined by E.Bedford, J.Smillie and J.Hubbard are a natural generalization of the critical points of polynomials. We'll discuss the properties of the critical locus. (Received September 17, 2019)