1086-37-2609   **Tanya Firsova*** (`tanya@math.sunysb.edu`), 5D-148, Math Tower, Stony Brook University, Stony Brook, NY 11794. *λ-lemma in $\mathbb{C}^2$ and its application to dynamics.*

We prove an analog of λ-lemma for families of Riemann surfaces with boundaries in $\mathbb{C}^2$. We show that under natural conditions holomorphic motion from the boundary can be extended to a holomorphic motion of Riemann surfaces.

We apply our version of λ-lemma to prove the following result: for Hénon maps which are small perturbations of quadratic polynomials with disconnected Julia set, the critical loci are quasiconformally equivalent. (Received September 25, 2012)