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**Zair Ibragimov\*** ([zibragimov@fullerton.edu](mailto:zibragimov@fullerton.edu)), 800 N. State College Blvd., 154 McCarthy Hall, Fullerton, CA 92831. *Quasi-Isometric Extensions of Quasisymmetric Mappings of the Real Line Compatible with Composition.*

In this talk I will discuss construction and some basic properties of an operator that extends each quasi-symmetric homeomorphism of the real line to a quasi-isometry of the upper-half plane in a homomorphic fashion. Epstein and Markovic have shown that a homomorphic extension to quasiconformal homeomorphisms of the upper-half plane is not possible. (Received September 14, 2017)