

Groups of composition operators on Dirichlet spaces of the upper half-plane
Meshack Agwang, Job Bonyo and Isaac Okoth
Maseno University, Kenya.

Using the theory of similar semi groups, we undertake a complete analysis of groups SBS of composition operators on Dirichlet spaces. Specifically, we obtain both the semi group and spectral properties of groups of weighted composition operators implemented by automorphism groups of upper half—plane.

Keywords: Analytic functions; One-parameter semi group; Strong continuity; Infinitesimal generator; spectrum; Resolvent; Similar semi group; Dirichlet space.