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**Clifton Callender\*** ([clifton.callender@fsu.edu](mailto:clifton.callender@fsu.edu)), 1937 Patsy Ann Court, Tallahassee, FL 32303. *Self-Similarity, Continuous Processes, and New Compositional Resources.*

I have previously presented research and compositions demonstrating that self-similar structures and continuous processes can give rise to novel musical possibilities, including canons with infinite solutions and infinite, aperiodic rhythmic tiling canons. This talk is a continuation and extension of these ideas to include alternate constructions of infinite melodic and rhythmic canons, irrational polyrhythms and hemiolas, and gradually morphing rhythms. (Received September 21, 2016)