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)