1145-05-1977 **Alexander Burstein** (aburstein@howard.edu), Department of Mathematics, Howard University, Washington, DC 20059, **Hana Kim** (hakkai14@skku.edu), Department of Mathematics, Sungkyunkwan University, South Korea, and **Louis W. Shapiro*** (lshapiro@howard.edu), Department of Mathematics, Howard University, Washington, DC 20059. *Involutions and Pseudoinvolutions in the Riordan Group.* Preliminary report.

We start with the basic definitions and the reasons to study pseudoinvolutions. Included are my favorite top ten pseudoinvolutions. We then look at some recent elementary methods for creating involutions and pseudoinvolutions. The first introduces palindromes, and this unified approach yields the classical cases as well as bringing in new examples, some with interesting combinatorial interpretations. The second approach generalizes the Lah numbers with every Riordan group element producing two pseudoinvolutions. Finally, we look at the relevant A- and B-sequences, where we have a mix of new results and open questions. (Received September 24, 2018)