1139-05-242 **Vinoth Nandakumar**, **Daniele Rosso*** (`drosso@iu.edu`) and **Neil Saunders**. *Irreducible components of exotic Springer fibers and Robinson-Schensted algorithm.*

Kato defined an exotic version of the Springer resolution of the nilpotent cone in type C to obtain nicer properties that are more similar to the type A case. We give an explicit combinatorial description of the irreducible components of the exotic Springer fibers and as a consequence we derive an exotic Robinson-Schensted bijection between the Weyl group of type C and pairs of standard Young bitableaux of the same shape. (Received February 12, 2018)