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14260. *σ -quiver varieties.*

I'll report on the recent progress of the study of a new class of automorphisms on Nakajima quiver varieties and the associated fixed point varieties, called the σ -quiver varieties. Its connection with the partial Springer resolutions of nilpotent Slodowy slices of classical type will be discussed and a rectangular symmetry for the partial Springer resolutions will be presented. (Received January 07, 2017)