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Hugh Thomas* (hugh.ross.thomas@gmail.com) and **Nathan Williams**. *Rowmotion on trim lattices*.

There are two different definitions of rowmotion on a distributive lattice, which coincide, as first shown by Cameron and Fon-der-Flaass. (One is the familiar toggling definition; the other is based on labelling the edges of the Hasse diagram, and sending the element whose lower covers' labels form the set X to the element whose upper covers' labels form the set X .) We show that the two definitions can both be extended to lattices which are trim (i.e. left modular and extremal), and that they still coincide. (Received September 26, 2017)