

1106-20-2401

David Garber* (garber@hit.ac.il), 52 Golomb St., PO Box 305, 5810201 Holon, Israel, and
Arkadius Kalka, Eran Liberman and **Mina Teicher**. *Centralizers of centralizers of parabolic subgroups of braid groups and its application to the conjugacy problem.*

We characterize the centralizer of the centralizer of all parabolic subgroups of the braid groups. We apply this result to provide a new and potentially more efficient solution to the subgroup conjugacy problem for these parabolic subgroups. (Received September 16, 2014)