1147-94-11 **Manabu Hagiwara*** (`hagiwara@math.s.chiba-u.ac.jp`), 1-33 Yayoi-cho, Inage-ku, Chiba City, Chiba Pref 2630022, Japan. *Weyl Groups and Perfect Codes for Generalizaed Deletions.* Preliminary report.

Deletion is a standard error-model in coding theory. Codes for deletion error has been investigated since 1960's. In 2017, the error-model was studied from a point of view of Lie theory. By the study, it has been found that the standard deletion error is related to Weyl group of type B. Furthermore, The error is generalized to of type A. This talk overviews the study and introduces new results. (Received January 20, 2019)