

1143-06-391

Harry J Altman* (haltman@umich.edu). *Choosing and multichoosing with ordinals*. Preliminary report.

It's clear what choose and multichoose mean for cardinals, but what about for ordinals? We'll discuss several ways to generalize the idea of choose and multichoose to ordinal numbers using the theory of well partial orders (or in one case a generalization to surreal numbers), and make some notes as to what properties these satisfy and how they may be computed. (Received August 19, 2018)