1033-54-216 **Ziqin Feng** and **robert w. heath*** (`rwheath@pitt.edu`), 1223 Whisper Ridge Rd., Auburn, AL 36830-8586. *Paratopological groups on generalized ordered spacess are linearly quarter-stratifiable, hence hereditarily paracompact.* Preliminary report.

Bennett and Lutzer [BL] defined quarter-stratifiable and showed a quarter-stratifiable GO-space is hereditarily paracompact. The authors [FH] showed a paratopological group on a subspace of R,+ (a GO-space on R) is quarter-stratifiable. Vaughan [V]proved a linearly stratifiable space is hereditarily paracompact. We define, exactly analogously, "linear quarter-stratifiability" and prove every paratopological group on a GO-space is linearly quarter-stratifiable and hence hereditarily paracompact. [BL]: Quarter-stratifiability on ordered spaces PAMS, 2005. [FH]: About Quarter-stratifiability, Journal of Shandong University, 2005 [V]:Linearly stratifiable spaces, Pacific Journal 1972. (Received September 11, 2007)