Baskirov proved, under CH, that there are compact Hausdorff spaces of any sequential order up to and including $\omega_1$. The results of Baskirov, concisely presented in a Doklady article, are completely revisited and compared with the results of Dow under MA. It is proved that if $K_\alpha$ and $K_\beta$ are Baskirov spaces of sequential order $\alpha$ and $\beta$ respectively, then $K_\alpha \times K_\beta$ has sequential order $\max(\alpha, \beta)$.

References


