

Ganster, M.

On strongly s-regular spaces. (English) Zbl 0733.54012
Glas. Mat., III. Ser. 25(45), No. 1, 195-201 (1990).

Strongly s-regular spaces are introduced and studied. A topological space X is said to be strongly s-regular if for every closed subset $A \subset X$ and $x \in X \setminus A$ there exists a regular closed subset F ($F = cl(int F)$) with $x \in F$ and $F \cap A = \emptyset$. Strong s-regularity is open-hereditary and productive. Among Hausdorff spaces strong s-regularity is independent both of semiregularity and of almost regularity.

Reviewer: [E.Giuli \(L'Aquila\)](#)

MSC:

- [54D10](#) Lower separation axioms (T_0 - T_3 , etc.)
- [54G20](#) Counterexamples in general topology
- [54B10](#) Product spaces in general topology
- [54B05](#) Subspaces in general topology

Cited in **1** Review
Cited in **4** Documents

Keywords:

[regular closed sets](#); [Strongly s-regular spaces](#)