

**Andrijević, Dimitrije****Some properties of the topology of  $\alpha$ -sets.** (English) Zbl 0546.54003

Mat. Vesn. 36, 1-10 (1984).

A subset  $B$  of a topological space  $(X, \mathcal{T})$  is called an  $\alpha$ -set if  $B \subset \text{int}(cl(\text{int}B))$ . The family  $\mathcal{T}^\alpha$  of all  $\alpha$ -sets in  $(X, \mathcal{T})$  is a topology on  $X$ . The author considers some properties of this topology  $\mathcal{T}^\alpha$ , and how these relate to the topology  $\mathcal{T}$ .

Reviewer: [I.L.Reilly](#)**MSC:****54A10** Several topologies on one set (change of topology, comparison of topologies, lattices of topologies)**54A05** Topological spaces and generalizations (closure spaces, etc.)Cited in **6** Documents**Keywords:**[semi-open set](#);  $\alpha$ -set