

**G. Lo Faro, G. Nardo, J.R. Porter**  
*On minimal- $\alpha$ -spaces*

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**Abstract:** An  $\alpha$ -space is a topological space in which the topology is generated by the family of all  $\alpha$ -sets (see [N]). In this paper, minimal- $\alpha\mathcal{P}$ -spaces (where  $\mathcal{P}$  denotes several separation axioms) are investigated. Some new characterizations of  $\alpha$ -spaces are also obtained.

**Keywords:**  $\alpha$ -space,  $\alpha T_i$ -space, minimal- $\alpha T_i$  space,  $T_2$ -closed space, minimal- $T_2$  space,  $\psi$ -space

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