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Characterizations of open and closed maps in a bigeneralized topological space (BGTS)*

J.B. Nalzaró

Abstract. The main thrust of this paper is to introduce and characterize closed and open functions in a bigeneralized topological space (BGTS). In particular, we establish the properties of $\mu^{(m,n)}-g^*\omega\alpha$ open (resp. $\mu^{(m,n)}-g^*\omega\alpha$ closed) functions in BGTS.

AMS Subject Classification (2020): 54A40, 54D40, 54F65

Keywords: BGTS, $\mu^{(m,n)}-g^*\omega\alpha$ open (closed) function

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