



**UNIQUE, FOUNDATIONAL PROPERTIES OF WEAKLY  $P_0$  SPACES AND PROPERTIES,  $T_0$ , AND NOT- $T_0$  USED TO GIVE UNIQUE, FOUNDATIONAL PROPERTIES OF  $R_0$ ,  $R_1$ , PSEUDOMETRIZABLE,  $T_0$ ,  $T_1$ ,  $T_2$ , AND METRIZABLE**

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**Abstract**

In this paper unique, foundational properties of weakly  $P_0$  spaces and properties and “not- $T_0$ ” are given and applied to give unique, foundational properties of  $R_0$ ,  $R_1$ , pseudometrizable,  $T_1$ ,  $T_2$ , and metrizable.

**Keywords and phrases:** weakly  $P_0$  spaces and properties,  $R_0$ ,  $R_1$ , pseudometrizable,  $T_1$ ,  $T_2$ , metrizable.

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