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## ALEKSANDROV-URYSOHN COMPACTNESS CRITERION ON INTUITIONISTIC $\tilde{g}^*$ SET IN MAXIMAL CENTRED SYSTEM

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### Abstract

In this paper the concepts of intuitionistic  $\tilde{g}^*$ -Hausdorff space, intuitionistic  $\tilde{g}^*$ -extremally disconnected space, intuitionistic  $\tilde{g}^* - \theta$  continuous mappings are introduced. In this connection, intuitionistic  $\tilde{g}^*$ -Hausdorff extension of spaces and the Aleksandrov-Urysohn intuitionistic  $\tilde{g}^*$ -Compactness Criterion are established.

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Key Words : *Intuitionistic  $\tilde{g}^*$ -Hausdorff space, Intuitionistic  $\tilde{g}^*$ -extremally disconnected space, Intuitionistic  $\tilde{g}^* - \theta$  continuous mappings.*

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