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## **A note on partially ordered topological spaces and a special type of lower semicontinuous function**

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ABSTRACT.  $\theta$ -closed partial order in a topological space has been studied in details.  $\theta^*$ -lower semicontinuity of a function to a hyperspace has been introduced and such functions are compared to the multifunctions. Lastly the  $\theta^*$ -lower semicontinuity of some special types of functions is studied.

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