

SEMICONINUITY OF LOCALLY  $p$ -CONVEX AND LOCALLY  
 $p$ -CONCAVE SET-VALUED MAPS

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**Abstract.** For locally  $p$ -convex set-valued maps and locally  $p$ -concave set-valued maps there are given necessary and sufficient conditions for the lower semicontinuity and upper semicontinuity, respectively.

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**Key words.** Set-valued map,  $p$ -convex, semicontinuity.

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