

Phan Quoc Khanh

On general open mapping theorems. (English) [Zbl 0713.54022](#)
J. Math. Anal. Appl. 144, No. 2, 305-312 (1989).

Author's summary: "This paper contains general open mapping theorems for families of multifunctions in quasimetric spaces, which include many known open mapping theorems, closed graph theorems, theorems of the Lyusternik type, subtraction theorems, and theorems on approximation and semicontinuity."

Reviewer: [J.J.Charatonik](#)

MSC:

[54C60](#) Set-valued maps in general topology
[54C10](#) Special maps on topological spaces (open, closed, perfect, etc.)

Cited in **1** Document

Keywords:

[open mapping theorems](#); [multifunctions](#); [quasimetric spaces](#)

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References:

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- [2] Khanh, Phan Quoc, An induction theorem and general open mapping theorems, *J. math. anal. appl.*, 118, 519-534, (1986) · [Zbl 0644.46002](#)
- [3] Khanh, Phan Quoc, An open mapping theorem for families of multifunctions, *J. math. anal. appl.*, 132, 491-498, (1988) · [Zbl 0679.54015](#)
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