#### KINGDOM OF SAUDI ARABIA

Ministry of Higher Education

# **KING ABDULAZIZ UNIVERSITY**

**Faculty of Science** 



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# Generalized caristi's fixed point theorems

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#### Abstract

We present generalized versions of Caristi's fixed point theorem for multivalued maps. Our results either improve or generalize the corresponding generalized Caristi's fixed point theorems due to Bae (2003), Suzuki (2005), Khamsi (2008), and others.

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