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Zbigniew Piotrowski* (zpiotr@math.ysu.edu), Dept. of Mathematics and Statistics, 1
University Plaza, Youngstown, OH 44555. *Quasi-continuity and cliquishness on product spaces.*

Abstract. V. Volterra's quasi-continuity turned out to be instrumental in A. Bouziad's generalization of the classical Ellis theorem on semi-topological groups as well as in T. Nagamizu's extension of I. Namioka theorem. Unlike continuity continuity, separate quasi-continuity implies (joint) quasi-continuity, but not vice versa. Despite this, if f is a quasi-continuous (resp. cliquish) function defined on a product of "nice" topological spaces and having values in 2nd countable (resp. weakly developable) space, then almost every, in the sense of category, vertical section is quasi-continuous (resp. cliquish). Also connections to some, yet unpublished, results on cliquishness by A. Bouziad will be given. Most of the results are a part of a joint work with L. Hola and R. Drozdowski (Received January 14, 2011)