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## OSCILLATIONS, QUASI-OSCILLATIONS AND JOINT CONTINUITY

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ABSTRACT. Parallel to the concept of quasi-separate continuity, we define a notion for quasi-oscillation of a mapping  $f : X \times Y \rightarrow \mathbb{R}$ . We also introduce a topological game on  $X$  to approximate the oscillation of  $f$ . It follows that under suitable conditions, every quasi-separately continuous mapping  $f : X \times Y \rightarrow \mathbb{R}$  has the Namioka property. An illuminating example is also given.

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