Review of: "Some Results on Maxima and Minima of Real Functions of Vector Variables: A New Perspective"

Yashwant Singh

Potential competing interests: No potential competing interests to declare.

The author studied the extreme points of real vector variable functions that are obtained without the use of the classical theory that involves the use of partial derivatives. The author has given some theorems and examples of a new method that consists of establishing an appropriate link between the function to be optimized, its restrictions, and the result. This relation is obtained by decomposing the Hilbert space R as the direct sum of a closed subspace and its orthogonal complement. The results have been proved in a simple manner. References are recent and sufficient. The title also suits the manuscript. The paper can be published.