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几类向量值极大极小不等式

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Some minimax inequalities for vector valued mappings

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- 摘要
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摘要 利用线性标量化函数和实值的极大极小定理, 在自然拟凸和真拟凸假设下, 证明了几类向量值函数极大极小不等式.

并给出了一个例子说明定理结论是相关文献结果的推广.

关键词: 极大极小不等式 向量值函数 自然拟凸 真拟凸

Abstract: By using a linear scalarization function and minimax equalities in scalar case, some types of minimax inequalities for vector-valued functions were established under natural quasi cone convex and properly quasi cone convex assumptions. An example was given to illustrate that the result is a generalization of the corresponding one in reference.

Key words: [minimax inequality](#) [vector valued function](#) [natural quasi cone convex](#) [properly quasi cone convex](#)

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