

论文

REGULARITY OF SOLUTIONS TO AN ELLIPTIC VARIATIONAL INEQUALITY SYSTEM

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摘要 Even for elliptic variational inequality systems with degenerate ellipticity in the form of (1) the boundedness and regularity are unsolved for general obstacle problems. In this paper the $C^{1,\alpha}$ regularity of solutions is proved only for a special case of obstacle problems of (1).

关键词 [Elliptic variational inequality system.](#)

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Key words [Elliptic variational inequality system](#) [diagonal form](#) [degenerate ellipticity](#) [obstacle problem](#) [bou](#)

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