

# A FEASIBLE AND SUPERLINEAR ALGORITHM FOR INEQUALITY CONSTRAINED MINIMIZATION PROBLEMS

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收稿日期 修回日期 网络版发布日期 接受日期

**摘要** In this paper, a new algorithm for inequality constrained optimization problems is presented. The algorithm is feasible and is globally and superlinearly convergent under some weaker assumptions - without strict complementary condition.

**关键词** [Strict complementary conditio](#)

分类号

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**Abstract** In this paper, a new algorithm for inequality constrained optimization problems is presented. The algorithm is feasible and is globally and superlinearly convergent under some weaker assumptions - without strict complementary condition.

**Key words** [Strict complementary condition](#) [global convergence](#) [superlinear convergence](#)

DOI:

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