

非凸非精确线搜索时Broyden算法的收敛性

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The convergence of Broyden algorithms without convexity and exact line search

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摘要 讨论在非凸非精确线搜索时, Broyden算法的收敛性. 证明当Broyden算法得到的点列收敛时, 该点列一定趋向于稳定点.

关键词: [Broyden算法](#) [收敛性](#) [凸性](#) [精确线搜索](#)

Abstract: In this paper we discuss the convergence of the Broyden algorithms without convexity and exact line search assumptions. We prove that if the algorithm produces a convergence point sequence, then the limit point of the sequence is a critical point of the objective function.

Keywords: [Broyden algorithms](#), [convergence](#), [convexity](#), [exact line search](#)





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