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Conjugate Gradient Methods with Armijo-type Line Searches

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摘要 Two Armijo-type line searches are proposed in this paper for nonlinear conjugate gradient methods. Under these line searches, global convergence results are established for several famous conjugate gradient methods, including the Fletcher-Reeves method, the Polak-Ribière-Polyak method, and the conjugate descent method.

关键词 [unconstrained optimization](#)

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Key words [unconstrained optimization](#)

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