

عنوان مقاله:

Origin-destination trip pattern representative by using bluetooth data collection on the arterial road network, Bangkok, Thailand

محل انتشار:

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خلاصه مقاله:

In this paper, an efficient GV1-CG is developed to optimizing the modified conjugate gradient algorithm by using a new conjugate property. This is to increase the speed of the convergence and retain the characteristic mass convergence using the conjugate property. This used property is proposed to public functions as it is not necessary to be a quadratic and convex function. The descent sharp property and comprehensive convergence for the proposed improved algorithm have been proved. Numerical results on some test function indicate that the new CG-method outperforms many of the similar methods in this field.

کلمات کلیدی:

Conjugate gradient, Developed conjugation property, Improved algorithm, Optimization, Global convergence, Descent Direction

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