

عنوان مقاله:

Effect of Intelligent Vehicle Networks On Roadways Safety

محل انتشار:

پانزدهمین کنفرانس بین المللی مهندسی حمل و نقل و ترافیک (سال: 1394)

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خلاصه مقاله:

most accidents happens when driver do not have enough visibility and well reaction on time during an accident occurs. Increasing required Time for driver's reaction caused to decrease accidents on roadways. intelligent vehicle networks could bring enough time for reaction by sending alert and alternate messages to vehicles on roadway. Main propose in this paper is around modulation on Reception interval Safety message and other effective parameters on vehicles safety at CCWS applications. Effect of alert and alternate messages will be examined and modeled with Markova chain. For verification simulation result we will use Monte Carlo method and compare result with each other and calculated probability of collision for those vehicle which used connected network on roadway

کلمات کلیدی:

Markov chain, Monte Carlo, probability of collision

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