

Title (en)
ESTIMATING TIME TRAVEL DISTRIBUTIONS ON SIGNALIZED ARTERIALS

Title (de)
SCHÄTZUNG VON FAHRZEITVERTEILUNGEN AUF SIGNALISIERTEN ARTERIEN

Title (fr)
DISTRIBUTIONS D'ESTIMATION DE TEMPS DE TRAJET SUR DES VOIES ARTÉRIELLES SIGNALISÉES

Publication
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Application
EP 18191898 A 20130128

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Abstract (en)
A system is provided for estimating time travel distributions on signalized arterials. The system may be implemented as a network service. Traffic data regarding a plurality of travel times on a signalized arterial may be received. A present distribution of the travel times on the signalized arterial may be determined. A prior distribution based on one or more travel time observations may also be determined. The present distribution may be calibrated based on the prior distribution.

IPC 8 full level
G08G 1/00 (2006.01); **G08G 1/01** (2006.01)

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Citation (search report)
• [A] EP 1235195 A2 20020828 - HITACHI LTD [JP]
• [A] US 2005021225 A1 20050127 - KANTARJIEV CHRISTOPHER [US], et al
• [A] BENJAMIN COIFMAN: "Improved Vehicle Reidentification and Travel Time Measurement on Congested Freeways", JOURNAL OF TRANSPORTATION ENGINEERING, 1 October 1999 (1999-10-01), New York, pages 475 - 483, XP055264256, Retrieved from the Internet <URL:http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.580.7683&rep=rep1&type=pdf> [retrieved on 20160411], DOI: 10.1061/(ASCE)0733-947X(2003)129:5(475)

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