Categorized lists (in each group the more recent are listed first)

M Carey and Y. E. Ge
School of Business and Management
Queen’s University Belfast

To try to assist readers in finding relevant papers, in this version of the bibliography we have grouped the papers by sub-topics, under the headings listed below. However, we have listed each paper under only one of the topic headings, though ideally, we should have assigned many (perhaps most) of the papers to more than one topic, but did not have time to do that. Assigning each paper to a single topic heading is of limited usefulness, and potentially misleading, since many, perhaps most, of the papers contribute to more than one of the topics. For example, papers that contribute to "DTA formulations" typically also contribute to "properties of DTA problems and formulations", and may use "dynamic network loading" and contain an algorithm or application. We have assigned papers roughly to the category with which they seemed to be most obviously concerned, though in some cases the choice was rather arbitrary. Also, the choice was based mainly on the title and abstract of the paper. We apologise to authors or other readers who think that a paper has been assigned to the "wrong" category, or do nor find the classification useful.

The topic heading used below are as follows:

a) general theory or survey,
b) DTA formulations,
c) properties of DTA problems and formulations,
d) algorithms (and calibrations & validations),
e) dynamic network loading,
f) link travel-time models or performance functions for DTA modelling,
g) DAT applications (e.g., evaluation of traveller information provision systems),
h) dynamic O-D matrix estimation,
i) day-to-day learning/adjustment,
j) dynamic route choice behavior or equilibrium conditions,
k) bottleneck modelling (departure time choice issue),
l) public transit.

General theory or survey


**DTA formulations**

**Mathematical Programming**


Optimal control theoretical models and dynamic system models

**Game-theoretical models**


**Variational inequalities (VI)**


**Nonlinear Complementarity Problems (NCP)**


**Simulation**


Others (papers in this group report no formulations falling into one of the above.)


132. Logie, M (1992) Assignment modeling with dynamic traffic effects. Proceedings of the 4th International Conference on Microcomputers in Transportation (code 18379),


Properties of DTA problems and proposed formulations

General discussion


For Mathematical program-based DTA models


For Optimal control theory-based and dynamic system-based models


For variational inequalities-based models

**For simulation-based models**


**DTA algorithms, including calibrations and validation**

**Shortest paths**


**For Mathematical program-based DTA models**


**For Optimal control theory-based models**


**For variational inequalities-based models**


**For NCP-based models**


**For simulation-based models**


Others


**dynamic network loading**

(Note: The results for this topic are usually contributed to solution of VI-based DTA model, which is solved by a projection method. And CDNL is a component of the solution method.)


Link travel-time models or performance functions for DTA modeling


DTA applications


Dynamic O-D estimation


**Day-to-day learning/adjustment**


**Dynamic route choice behavior or equilibrium conditions**


Bottleneck modelling

(Note: Single-bottleneck models enable directly to give insights into the mechanisms of departure time choice, as well as flow propagation on over-congested links.)


Transit
