

ABSTRACT

SYSTEM AND METHODS TO APPLY ROBUST PREDICTIVE TRAFFIC LOAD BALANCING CONTROL AND ROBUST COOPERATIVE SAFE DRIVING FOR SMART CITIES

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Apparatuses, systems and methods applying an innovative non-discriminating and anonymous car related navigation driven traffic model predictive control, producing predictive load-balancing on road networks which dynamically assigns efficient sets of routes to car related navigation aids and which navigation aids may refer to in dash navigation or to smart phone navigation application.

The system and methods are may enable, for example, to improve or to substitute commercial navigation service solutions, applying under such upgrade or substitution a new highly efficient proactive traffic control for city size or metropolitan size traffic.

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