

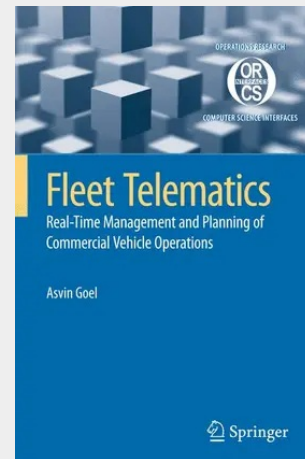
Fleet Telematics

Real-time management and planning of commercial vehicle operations

In the past 30 years, commercial transport traffic has more than doubled in both Europe and North America, while Asian traffic has likely increased even more. As any mismatch between supply and demand can result into significant disturbances of manufacturing processes, just-in-time practices necessitate punctual, reliable, and flexible transportation.

Fleet Telematics: Real-Time Management and Planning of Commercial Vehicle Operations combines wireless telematics systems with dynamic vehicle routing algorithms and vehicle-positioning systems to produce a telematics-enabled information system that can be employed by commercial fleet operators for real-time monitoring, control, and planning. The book presents a Messaging & Fleet Monitoring System that automatically identifies deviations between the planned and the current state of the transportation system and a Dynamic Planning System (DPS) that provides real-time decision support considering the current state of the transportation system.

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