

International Journal of

Vehicle Systems Modelling and Testing

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Scope of the Journal

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IJVSMT provides a resource of information for the scientific and engineering community working with ground vehicles.

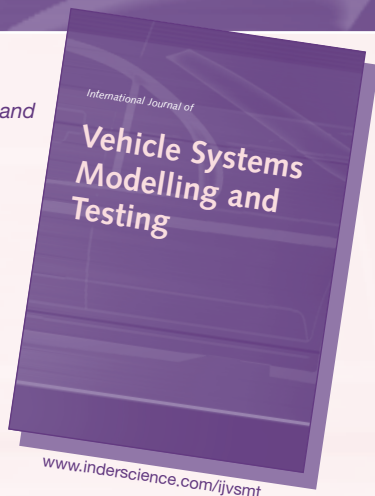
Emphases are placed on novel computational and testing techniques that are used by automotive engineers and scientists.

Contents:

IJVSMT publishes original papers, review papers, technical reports, book reviews, notes, commentaries, and news.

Topics covered include:

- Computer aided modelling and simulation
- Structural analysis
- Kinematics and kinetics of vehicle systems, vehicles and their components; emphasis on rigid multi-body dynamics programs
- Coupled field problems, such as introducing flexible bodies in rigid body dynamics calculations
- Behaviour of alternative/concept vehicles
- Applied vehicle dynamics
- Applied control techniques
- Modelling of active safety systems
- Lean testing (i.e., how to minimise testing, yet maximise its impact)
- Testing techniques
- Test rigs
- Vehicle-road interaction
- Mathematical modelling and testing of ICE, hybrids and fuel-cells
- Conventional and alternative fuels
- Electronic engine controls



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