



Vehicle ride comfort and suspension system design [Paperback]

By ZHOU CHANG CHENG

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback Pages Number: 309 Language: Simplified Chinese. Publisher: Machinery Industry Press; 1 (October 1, 2011). Vehicle ride comfort and suspension system design simplified vibration model and the driving vibration model first car the basis of a single mass body vibration and characteristics. vibration and characteristics of the dual-mass body wheel vibration and characteristics of the shaft vehicle vertical vibration and pitch plane vibration and features a car-degree of freedom system. as well as random vibration of vehicles and characteristics ; car ride comfort and security. and evaluation; vehicle suspension. the role. composition and type of vehicle suspension system based on the safety and comfort of the unity of the damping ratio. Introduced in the vehicle suspension system components. hydraulic shock absorbers. suspension springs. the structural principle of the suspension stabilizer bars. work characteristics. design theory and methods; air springs. oil and gas suspension type. structure. work principles. characteristics; semi-active suspension and active suspension type. features and design theory; suspension control system. control law. control strategies and their respective characteristics and applications; vehicle suspension and shock absorber characteristics test and...



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