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6.2. The Simple Trailing Wheel System with Yaw Degree of Freedom; 6.3. Systems with Yaw and Lateral Degrees of Freedom; 6.4. Shimmy and Energy Flow; 6.5. Non-Linear Shimmy Oscillations; Chapter 7. Single Contact Point Transient Tyre Models; 7.1. Introduction; 7.2. Model Development; 7.3. Enhanced Non-Linear Transient Tyre Model; Chapter 8. Applications of Transient Tyre Models; 8.1. Vehicle Response to Steer Angle Variations; 8.2. Cornering on Undulated Roads; 8.3. Longitudinal Force Response to Tyre Non-Uniformity, Axle Motions and Road Unevenness; 8.4. Forced Steering Vibrations; 8.5. ABS Braking on Undulated Road; 8.6. Starting from Standstill; Chapter 9. Short Wavelength Intermediate Frequency Tyre Model; 9.1. Introduction; 9.2. The Contact Patch Slip Model; 9.3. Tyre Dynamics; 9.4. Dynamic Tyre Model Performance; Chapter 10. Swift and Road Unevennesses; 10.1. Dynamic Tyre Response to Short Road Unevennesses; 10.2. Three Advanced Dynamic Tyre Models: SWIFT, FTire, RMOD-K; Chapter 11. Motorcycle Dynamics; 11.1. Introduction; 11.2. Model Description; 11.3. Linear Equations of Motion; 11.4. Stability Analysis and Step Responses; 11.5. Analysis of Steady-State Cornering; 11.6. Motorcycle Magic Formula Tyre Model; Chapter 12. Tyre steady-state and dynamic test facilities; References; List of Symbols; Appendix 1: Sign Conventions for Force and Moment and Wheel Slip; Appendix 2: TreadSim; Appendix 3: SWIFT Parameters; App. 3.1. Parameter Values of Magic Formula and SWIFT Model; App. 3.2. Non-Dimensionalisation; App. 3.3. Estimation of SWIFT Parameter Values; Index

Sommario/riassunto

In this new paperback edition of *Tyre and Vehicle Dynamics*, theory is supported by practical and experimental evidence. Pacejka provides both basic and advanced explanations of the pneumatic tyre and its impact on vehicle dynamic performance. The book shows the way in which tyre models are incorporated in vehicle models and how important tyre influence is on overall vehicle behaviour. Those working in any industry involving equipment with tyres will continue to find this book both extremely relevant and useful.* Written by a world expert in tyre dynamics* Covers both basic

2. Record Nr.	UNINA9911091130003321
Titolo	Greek vases : images, contexts, and controversies : proceedings of the conference sponsored by the Center for the Ancient Mediterranean at Columbia University, 23-24 March 2002 / / edited by Clemente Marconi
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Altri autori (Persone)	MarconiClemente <1966->
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Sommario/riassunto	This volume deals with Greek painted vases, exploring them from various methodological points of view and moving beyond the traditional focus on connoisseurship and style. The volume, which represents the proceedings of an international conference sponsored by the Center for the Ancient Mediterranean at Columbia University, is an effort to exploit the immense richness of these vases by using them

to study general cultural history.
