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11.6. Motorcycle Magic Formula Tyre ModelChapter 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