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Nota di contenuto	Investigation of the Effect of Brake Disk Inclination Angle on the Braking Torque of Magnetorheological Brakes -- Dynamic characteristics of axial piston pumps A detailed study on the effect of piston clearance -- Research on the Effect of Pacejka Tire Model to Autonomous Vehicle Dynamics and Motion Trajectory -- Assessing the Impact of Driving Cycles on Battery Efficiency in Electric Vehicles Using AVL Cruise Simulation -- Impacts Of Speed Adhesion And Dynamic Factors On Stability Of Four Wheel Steering Vehicles.
Sommario/riassunto	This book presents peer reviewed articles from the 2nd International Conference on Sustainability and Emerging Technologies for Smart

Manufacturing (SETSM 2025) held on 22-23 April at Hanoi in Vietnam. It presents latest research and innovation in Sustainability and emerging technologies for Smart Manufacturing, especially innovative solutions for development of sustainable and smart eco-systems in industries, healthcare and medicine. The book provides researchers, professionals, and decision-makers a platform to present their results on the following topics: Smart Manufacturing, Lean Manufacturing 4.0, Rapid Manufacturing and Cloud Manufacturing Sustainable Design and Manufacturing Advanced Materials Engineering Advanced Computational Modeling, Simulation and Optimization Additive Manufacturing, and Advanced machining processes Renewable energy and clean technologies, electric and hybrid technologies Autonomous vehicles, connected vehicles, and Intelligent Transportation Systems Mechatronics, robotics and digital twin Biomedical Engineering: Emerging technologies for medical diagnosis, treatments and rehabilitations, personalization and mass-personalization, Telehealth and in-home Healthcare. ICT—Information and Communications Technologies and applications for Smart Manufacturing and Industry 4.0.

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