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""APPLICATION OF A GEOGRAPHICAL INFORMATION SYSTEM (GIS) AND
THE GLOBAL POSITIONING SYSTEM (GPS) TO DENGUE VIRUS VECTOR:
AEDES MOSQUITOES DISTRIBUTION IN AN EPIDEMIC AREA OF
THAILAND, A TECHNICAL COMMENT""""Abstract""; ""Introduction"";
""Technical Comment""; ""1. Study Design""; ""2. Results""; ""3.
Discussion""; ""References""; ""ACCURATE GPS-BASED GUIDANCE OF
AGRICULTURAL VEHICLES OPERATING ON SLIPPERY GROUND"";
""Abstract""; ""1. Introduction""; ""2. Experimental Context""; ""3. Vehicle
Modeling""; ""3.1. Modeling Assumptions and Notations""
""3.2. Vehicle Modeling under Non-sliding Assumption""""3.3. Vehicle
Modeling Accounting for Sliding Effects""; ""3.4. Measurement and
Estimation of Vehicle Variables""; ""3.4.1. Direct Measurement of the
Vehicle Location""; ""3.4.2. Reconstruction of the Vehicle Heading"";
""3.4.3. Estimation of the Sliding Variables""; ""4. Path Following Control
Law Design""; ""4.1. Non-linear Control in Absence of Sliding""; ""4.1.1.
Conversion of Vehicle Model (10) into Chained Form""; ""4.1.2. Non-
linear Control Law Design""; ""4.2. Internal Model Adaptive Control
Accounting for Sliding Effects""
""4.3. Model Predictive Control Accounting for Actuator Features""

Sommario/riassunto

Since it became fully operational on April 27, 1995, GPS has become a widely used aid to navigation world-wide, & a useful tool for map-making, land surveying, commerce, scientific uses, tracking & surveillance, & hobbies such as geocaching. This book gathers the latest research from around the globe in this dynamic field.
