

3D232 "Steering Control in Accordance with Driving Conditions"

OA01	OA02	OA03							
• Pedestrian safety support systems (brake control)	• Emergency collision avoidance for vehicles	• Driver drowsiness detection systems							
OA04									
• Optimal control technologies for amphibious vehicles									
OA05	OA06	OA07	OA08	OA09					
• Vehicle stability control and behavior	• Vehicle vibration-damping and control systems	• Vehicle weight and handling stability	• Vehicle suspension and control response	• Shock-absorption and elasticity technologies					
OA10	OA11	OA12	OA13	OA14	OA15	OA16	OA17	OA18	OA19
• Steering control mechanisms	• Electrically controlled steering systems	• Vehicle maneuvering and steering systems	• Automotive drive components and systems	• Vehicle vibration-damping and steering technologies	• Power steering systems	• Control and position setting for power steering devices	• EPS inspection and operating modes	• Faults in electric motors and power-supply circuits	• Vehicle steering control
OA20	OA21	OA22	OA23						
• Vehicle driving control systems	• Control of vehicle driving operations and assistance devices	• Vehicle control and kinematics (collision avoidance and idling-stop control)	• Rotating machines and driver-assistance technologies						
OA24	OA25	OA26	OA27	OA28	OA29	OA30			
• Remote-controlled mobility systems and structures	• Automated-driving and axle-control technologies	• Operation of autonomous vehicles	• Risk and system management for automated driving	• Evaluation of trajectories and intersections	• Autonomous systems and 3D sensor technologies	• Route planning and obstacle recognition for automated driving			
OA31	OA32	OA33	OA34	OA35	OA36				
• Signal-processing filters and frequencies	• Vibration suppression and frequency control for rotating machines	• Sensor data communication systems	• Inverter circuits and system management	• Optical sensors and signal processing	• Data management and barcodes on production lines				
OA37	OA38	OA39							
• Engine intake and combustion control	• Engine restart and tire management for vehicles	• Motor-control technologies for electric vehicles							
OA40	OA41								
• Network technologies for mobility and security	• Vehicle security and control systems								
OA42	OA43	OA44	OA45	OA46	OA47	OA48	OA49	OA50	
• Vehicle motion control and acceleration/deceleration control	• Setting of limit values and limiters	• Operability and driving of moving bodies	• Mathematical models and component analysis	• Design elements of gears and reduction mechanisms	• Steering, lifting, and diagnostics for forklifts	• Hydraulic valves and flow control	• Vehicle-control sensors and error management	• Vehicle steering and cornering control	