

THE WEARING OUT COMPENSATION OF DIESEL ENGINES COMBUSTION CHAMBERS

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Abstract: *This paper presents a method for wearing out compensation in diesel engines combustion chambers through mechatronics systems implementation. The connection between geometrical combustion diesel engine parameters which also shape the level of wear and the engine parameters can be realized by the Electronic Central Unit (ECU). The Electronic Central Unit can correlate the existent changes by realizing the connection between combustion chamber pressure and geometrical changes due to wearing out and command the engine actuators with the newer values that describe the diesel engine working conditions.*

Key words: *wear, engine, pressure, mechatronic, pollution*



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