IOP Conference Series: Materials Science and Engineering 2018 vol.412 N1

## Spectral analysis of acoustic car noise

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## Abstract

© Published under licence by IOP Publishing Ltd. The results of the Fourier spectroscopy of the acoustic noise of an internal combustion engine are presented. The sound was recorded using a voice recorder placed near the engine under varied operating conditions for the four-cylinder petrol engine. The distinctive characteristics of the periodograms where associated with the certain physical processes in the engine.

http://dx.doi.org/10.1088/1757-899X/412/1/012055

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