



REDUCING NOISE AND VIBRATORY POLLUTION - ONE OF THE MAJOR PROBLEMS OF THE PRESENT

Today, the industrial and the human activities have the serious impact on the entire environment, both on its antropic, and its built up components. The development without foregoing, in the technical and science fields, leads both to the emergence of the new industrial or domestic activities, and to the upgrading of the actuals. It is true that both of these, leads to a high level of living, to the high standards of life, with powerful popular connotation. But, this development also conduct to the increasing of the number and of the power suitings pollution sources.

On the first side, all of the facts presented previously, has an imperative objective: delivering and replace the human factors from the most industrial activities, with the automatic and computerized driving systems, with the major advantages for both sides, increasing the quality of life, ensuring the high performances for the technological processes, with directly impact about the final outputs, a.s.o.

But, on the other side, this matchless increasing rate of technical and technological development conduct to high level of the nocive emissions of noises and vibration, with bad influences on the entire environment, especially to the antropic factor.

Meaning all of these, it is stringent necessary both to improve the existing methods and equipments, and to develop the new ways, with the main purpose to reducing the noise and the vibration influences about the environment.

This journal constitute one of the mainly ways to popularizing, to noted, to make known, the most relevant achievements, both of the national, and the international groups of scentists, in the field of acoustics and vibration, with major priority to reducing the pollution level. This thirdly issue of the RJAV added together some of the last theoretical and applicative results of the scientific world, regarding the inovative methods and procedures to improve the vibration isolation degree at the technological equipments.

The extensive accumulation of scientific and technical knowledge concerning noise and vibration fields conducted to extend the specialities. Basing on this fact, and on the spectacular development of computing systems, data processing and transmission, apparatus chains intended data aquisition and monitorise in real time, of complex physical processes, its could be predicted that, in the next time, the practical methods and the dedicated equipments for reducing the noise and vibration pollution will acquire the relevant development and, in the next few years, will become one of the major problem solved by the scientific world

I hope that the RJAV pages will be constitute the right place for all of the major results, both theoretical, and especially applicative, of the noise and vibration fields scientists.

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