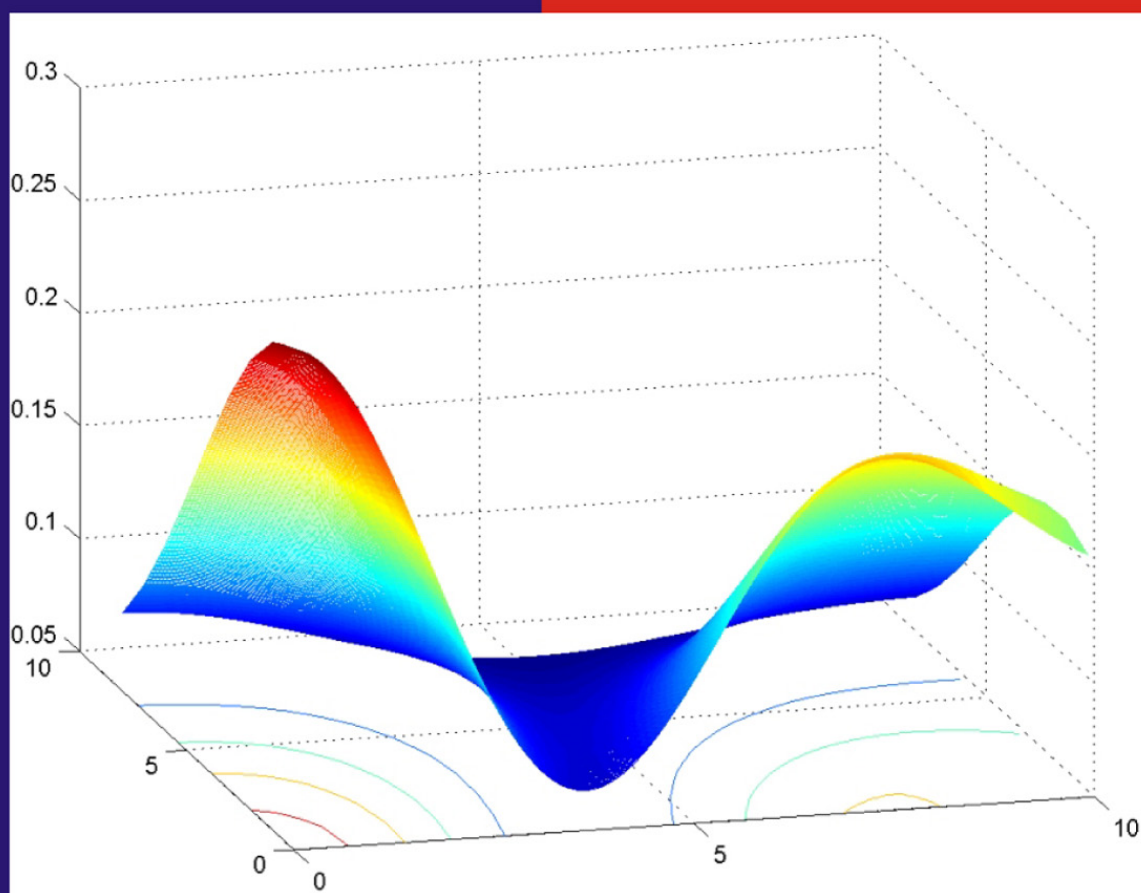


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Mahmoud Abdel-Aty



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Recent advances in laser induced breakdown spectroscopy as elemental analytical technique for environmental applications and space exploration

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Abstract

This review, describes in detail, the use of laser induced breakdown spectroscopy (LIBS) as an elemental analytical technique for determination of elements in field applications. The basic principles of LIBS are followed by a detailed description of the essential components of the experimental setup. The recent LIBS developments such as portable instrumentation,

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