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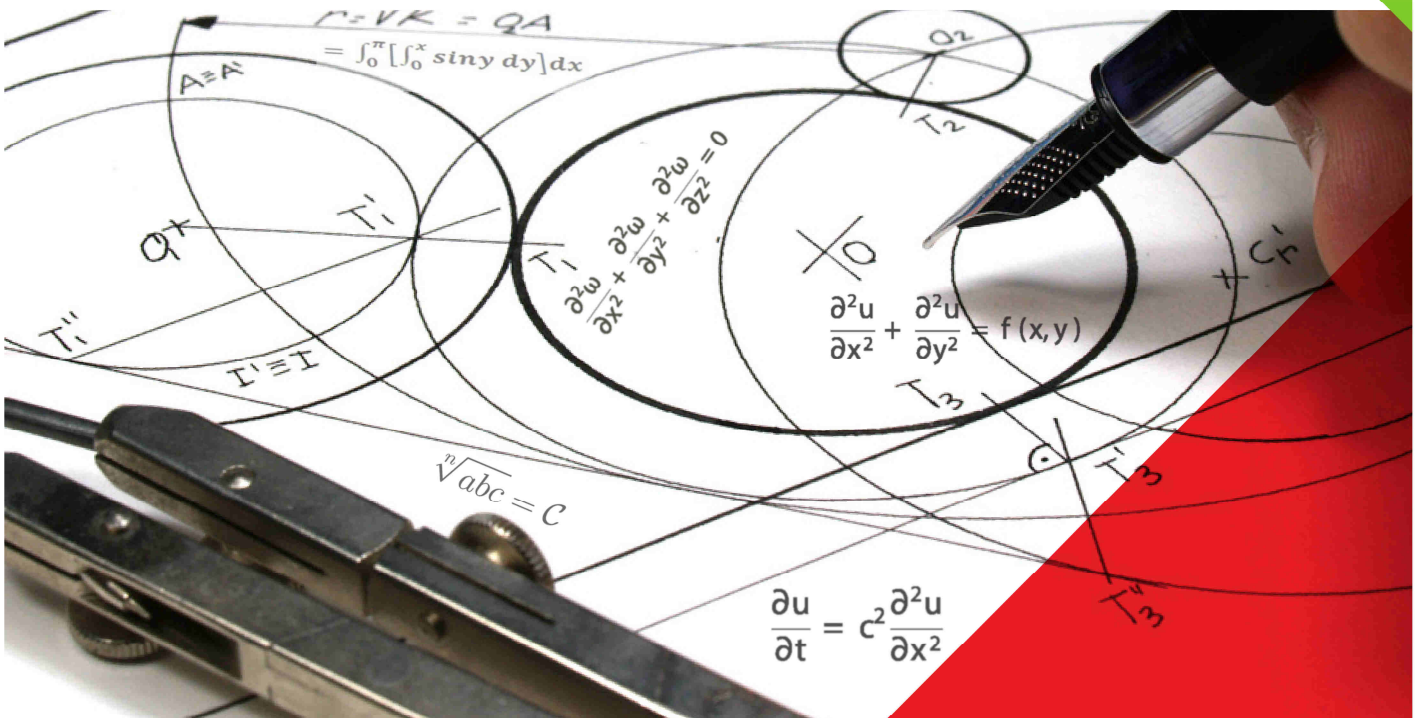جامعة أبوظبي

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ABSTRACTS BOOK

COLLEGE OF **ARTS AND SCIENCES**

Justification of the Wavelet Galerkin Method for Solving a Problem of Filtration Theory

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The work is dedicated to the justification of the wavelet Galerkin method for solving problems of the filtration theory with free boundaries. The possibility of using the wavelet Galerkin method is presented. Numerical calculations for solving the problem of filtration theory with free boundaries are carried out.

The Main Ways of Improving Educational Staff to Use ICT

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This article describes innovative methods and effective ways to improve the training of teachers on ICT. Further steps for training of teachers, involving international companies by UNESCO, Microsoft and Intel, are recommended.