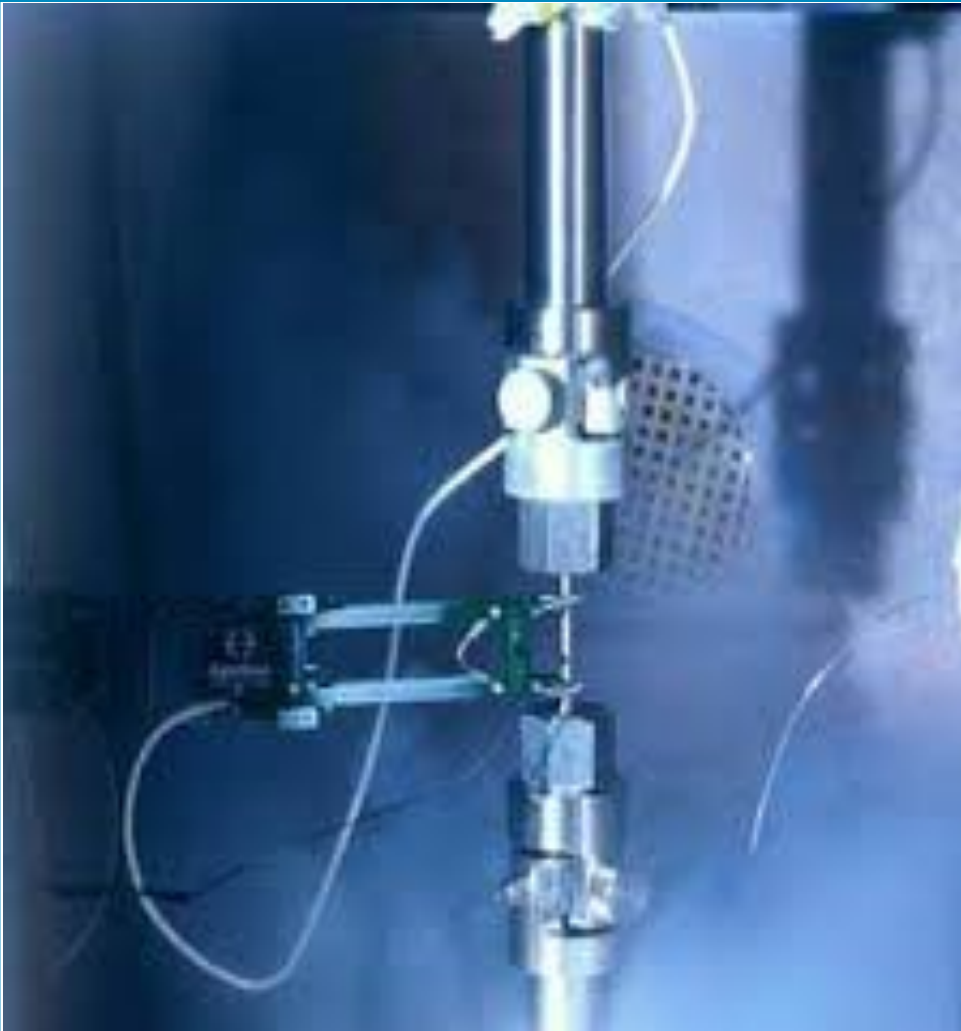




**FRERES MENTOURI UNIVERSITY  
CONSTANTINE 1 -ALGERIA**

# **Journal of Sciences & Technology**

Semestrial Journal of Freres Mentouri University, Constantine, Algeria



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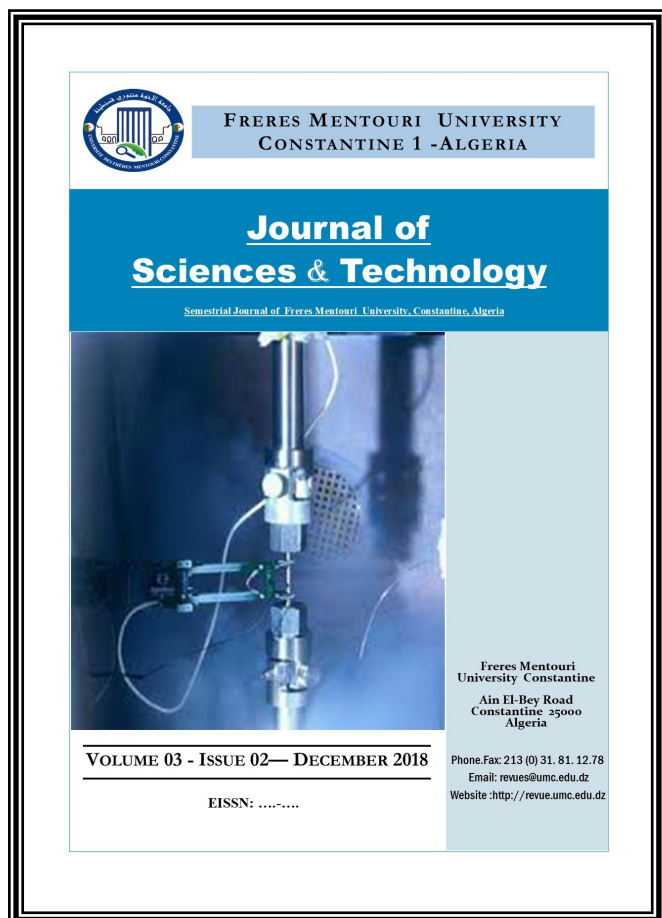
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## SUMMARY

S  
U  
M  
M  
A  
R  
Y

7

MODELING OF THE SOLUBILITY IN SUPERCRITICAL CARBON DIOXIDE OF SOME SOLID SOLUTE ISOMERS USING THE EXPANDED LIQUID THEORY.

L NASRI, Z BENSETITI, S BENSAAAD

13

EARTH'S TOMOGRAPHY WITH SUPERNOVA NEUTRINOS OSCILLATION IN THE LMA RANGE.

S LEBBAL, J MIMOUNI

27

NUMERICAL STUDY OF AN INCOMPRESSIBLE LAMINAR FLOW AROUND A NACA AIRFOIL WITH A BLOWING CONTROL.

A BOUNECER, L BAH

37

INVESTIGATION THE INFLUENCE OF ELECTRON BEAM PARAMETERS ON THE CATHODOLUMINESCENCE OF CADMIUM TELLURIDE.

D KENIECHE, K GUERGOURI

43

THE INFLUENCE OF THE VOIDS ON AN ADHESIVE LAP JOINT: EXPERIMENTAL AND NUMERICAL ANALYSIS.

F HADJEZ, B NECIB