

ARISTOTELIAN
UNIVERSITY OF THESSALONIKI

SCIENTIFIC
ANNALS

OF THE FACULTY OF PHYSICS
AND MATHEMATICS



VOLUME 20, NUMBER a
1980

ΑΡΙΣΤΟΤΕΛΕΙΟΝ
ΠΑΝΕΠΙΣΤΗΜΙΟΝ ΘΕΣΣΑΛΟΝΙΚΗΣ

ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΠΕΤΗΡΙΣ

ΤΗΣ ΣΧΟΛΗΣ ΤΩΝ ΦΥΣΙΚΩΝ
ΚΑΙ ΜΑΘΗΜΑΤΙΚΩΝ ΕΠΙΣΤΗΜΩΝ



ΤΟΜΟΣ 20, ΤΕΥΧΟΣ α
1980

CONTENTS

T. KVENTIDIS : On the bounds of the trajectories of differential systems with perturbations	3
S. S. KARATAGLIS : Preservation and heredity of tolerance against heavy metals in <i>Agrostis tenuis</i> Sibth. Plants	9
A. TSAGARIS: Beach rock in Thasos island; A case study	17
CH. TERZIDES : The dynamical contribution of the halo mass to the spiral structure	27
S. MICHAELIDIS and V. E. ANGOURIDAKIS : Diaguostic study of a winter mediterranean depression	53
H. D. COUCOLI and L. SYMEONIDIS : Karyotype analysis ou some greek wild species of <i>Hordeum</i> (<i>Marinum</i> group) and <i>Taeniatherum</i>	77
C. D. TRIANTAPHYLLIDIS and R. H. RICHARDSON : The DNA sequences of six endemic hawaiian <i>Drosophila</i> species	93
E. S. SAPOUNTZIS : The use of the CaO-Al ₂ O ₃ -MgO triangle to characterize rocks as komatiitic	115

ΕΚΤΥΠΩΣΗ
ΑΘ. ΑΛΤΙΝΤΖΗ, ΒΑΣ. ΣΟΦΙΑΣ 38
ΤΗΛ. 222.965, 221.529
ΘΕΣΣΑΛΟΝΙΚΗ