

Indian Journal of Mathematics

Volume 12, No. 3, 1970

CONTENTS

M. M. Nanda and G. Das

THE SUMMABILITY (L) OF THE FOURIER SERIES AND THE FIRST DIFFERENTIATED
FOURIER SERIES

125-135

H. M. Srivastava and R. U. Verma

ON SUMMATION OF MEIJER'S G-FUNCTION OF TWO VARIABLES

137-140

Aquel Ahmed

ELASTIC STRESSES IN A CONFOCAL ELLIPTIC RING UNDER ALL ROUND UNIFORM
TENSION

141-152

Abstract: The problem of an elastic confocal elliptic ring under all round uniform tension has been solved by using Milne-Thomson's methods. The solution has been obtained in a closed form. In particular, the solution of an elastic circular ring has been deduced. The stress components have been found out.

Alessandro Figa-Talamanga and Stanley P. Franklin

MULTIPLIERS OF DISTRIBUTIVE LATTICES

153-161

V Marić and B. L. Tjong

ON AN INTEGRAL OPERATOR

163-168

Manoranjan Mandal

A NOTE ON TORSIONAL VIBRATION OF A THIN VISCO-ELASTIC ROD

169-174

Abstract: In the present note torsional disturbances produced in a thin semi-infinite viscoelastic rod due to a twist of finite duration applied at one end has been discussed. The material of the rod is taken to be of Maxwell type. Expression for approximate value of the angle of twist for small values of time is obtained.

Masako Izumi and Shin-ichi Izumi

ABSOLUTE NÖRLUND SUMMABILITY FACTOR OF FOURIER SERIES

175-188

Lal Bahadur Singh

ABSOLUTE NÖRLUND SUMMABILITY OF A FACTORED FOURIER SERIES

189-194

Vikramaditya Singh

ON THE SUMMATION OF DERIVED FOURIER SERIES BY BOREL'S INTERNAL METHOD

195-203
