

# Lecture Notes in Mathematics

Edited by A. Dold and B. Eckmann

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## Modular Functions of One Variable III

Proceedings International Summer School  
University of Antwerp, RUCA  
July 17–August 3, 1972

Edited by W. Kuyk and J-P. Serre

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## Preface

This is Volume 3 of the Proceedings of the International Summer School on

"Modular functions of one variable and  
arithmetical applications"

which took place at RUCA, Antwerp University, from July 17 to August 3, 1972.

It contains papers by P.Cartier-Y.Roy, B.Dwork, N.Katz, J-P.Serre and H.P.F.Swinnerton-Dyer on congruence properties of modular forms,  $\ell$ -adic representations,  $p$ -adic modular forms and  $p$ -adic zeta functions.

W.Kuyk

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