

BABES-BOLYAI UNIVERSITY, CLUJ-NAPOCA
FACULTY OF MATHEMATICS AND INFORMATICS
DEPARTMENT OF MATHEMATICS

DIPLOMA THESIS

Rezidue Theorem and applications

This thesis presents applications of the residue theorem to the calculus of integrals and series and finally to the calculus of the number of zeroes of a function.

This work is the result of my own activity . I have neither given nor received unauthorized assistance on this work.

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Iunie 2013