

## Contents

Notations . . . . .	1
§ 1. Introduction . . . . .	3
§ 2. Lemmas . . . . .	7
§ 3. Theorems with positive or decreasing functions . . . . .	13
§ 4. Theorems with positive or decreasing coefficients . . . . .	19
§ 5. The exceptional integral values of the index . . . . .	26
§ 6. $L^p$ problems, $1 < p < \infty$ . . . . .	35
§ 7. Asymptotic formulas and Lipschitz conditions . . . . .	43
§ 8. More general classes of functions; conditional convergence . . . . .	52
§ 9. Trigonometric integrals . . . . .	57
Bibliography . . . . .	60
Index . . . . .	64