

INTISARI

TURUNAN FUNGSI INTEGRAL LEBESGUE

Oleh

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Pada skripsi ini akan dibahas mengenai karakteristik dari turunan fungsi terintegral Lebesgue. Pembahasan dimulai dengan memberikan definisi dan karakteristik himpunan dan fungsi terukur, dan integral Lebesgue. Pada bagian akhir diberikan pembahasan mengenai liput Vitali, fungsi bervariasi terbatas, dan teorema yang membahas mengenai hubungan antara turunan fungsi dan integral fungsi.

ABSTRACT

DIFFERENTIATION FUNCTION OF LEBESGUE INTEGRATION

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In this final project, we discuss about the characteristic of differentiation function of Lebesgue integration . The discussion is started with the definition and characteristics of measurable sets, measurable functions, and Lebesgue integral. In the last section, the Vitali Covering Theorem, bounded variation functions, and the theorem that links the concept of differentiating a function with the concept of integrating a function.