



INTISARI

TEOREMA TITIK TETAP PADA RUANG METRIK- S_b LENGKAP

Oleh

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Di dalam skripsi ini disampaikan tentang ruang metrik- S_b yang meliputi definisi ruang metrik- S_b , definisi ruang metrik- S_b simetris, kekonvergenan barisan pada ruang metrik- S_b , dan kekontinuan fungsi pada ruang metrik- S_b . Selanjutnya, disampaikan mengenai teorema titik tetap menggunakan prinsip kontraksi Banach pada ruang metrik- S_b lengkap dan teorema titik tetap bersama untuk empat fungsi di ruang metrik- S_b lengkap.



ABSTRACT

FIXED POINT THEOREMS ON COMPLETE S_b -METRIC SPACES

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In this final project, we discuss the S_b -metric spaces, which includes the definition of the metric- S_b spaces, the definition of the symmetric metric- S_b spaces, the convergence of sequences on the S_b -metric spaces, and continuous functions on the S_b -metric spaces. Furthermore, we discuss fixed point theorems using the Banach contraction principle on the complete S_b -metric spaces and a common fixed point theorem for four mappings on the complete S_b -metric spaces.