

## INTISARI

Dalam tesis ini dibicarakan sifat – sifat Small Riemann Sums fungsi – fungsi terintegral Henstock – Kurzweil dari ruang Euclidean  $\mathbb{R}^n$  ke ruang Euclidean  $\mathbb{R}^m$  dan teorema kekonvergenan yang menggunakan sifat Small Riemann Sums.

**Kata – kata kunci :** *Small Riemann Sums, integral Henstock dari ruang Euclidean  $\mathbb{R}^n$  ke  $\mathbb{R}^m$*

## ABSTRACT

In this thesis we discuss Some Small Riemann Sums Properties for Henstock – Kurzweil integrable functions from the Euclidean spaces  $R^n$  into the Euclidean spaces  $R^m$  and its application in convergence theorem.

**Key Words :** *Small Riemann Sums, Henstock Integral from Euclidean spaces  $R^n$  into  $R^m$*