

Math 131
Warm-up 14

Name:

Let $\{a_n\}$ be a sequence of reals. For each $n \in \mathbb{N}$, define $s_n = a_1 + \cdots + a_n$. Suppose the sequence $\{s_n\}$ converges (in which case we write $\sum a_n$ converges). Prove that $a_n \rightarrow 0$.