HW4

Due 5 March 2009 in Recitation Hour

Note that 5 of the following questions chosen by me will be graded.

1. Show that \( \inf a_n \leq \liminf_{n \to \infty} a_n \leq \limsup_{n \to \infty} a_n \leq \sup a_n \).

2. Show that \( \liminf_{n \to \infty} a_n = -\limsup_{n \to \infty} (-a_n) \).


RECOMMENDED: THOSE ARE NOT GOING TO BE GRADED!


