MATH 241: ANALYSIS IN SEVERAL REAL VARIABLES I QUICK RESPONSE #1

Name:

Problem 1. Compute without proof the supremum and infimum of the set $A = \{n/(2n+1) : n \in \mathbb{Z}_{>0}\}.$

Problem 2. State precisely the nested interval property of the real numbers.

Date: Monday, 13 September 2010.