

Quiz Problem 1  
Due Sep. 9th, 11:59 pm EST

**Problem.** Let  $(A_i)_{i=1}^{\infty}$  be a collection of sets. Prove DeMorgan's Law

$$\left( \bigcap_{i=1}^{\infty} A_i \right)^c = \bigcup_{i=1}^{\infty} A_i^c.$$

□

