## Problem 9.2

## **Show Instructions Proof Editor** Premise 1. a=b 2. Premise b=cEquality Elimination: 2, 1 3. a=c **Equality Introduction** 4. c=c5. Equality Elimination: 4, 3 c=a Complete Goal Submit c=a Assumption **Negation Introduction** Implication Introduction Universal Introduction Negation Elimination Reiteration Implication Elimination Universal Elimination Delete And Introduction Biconditional Introduction **Existential Introduction** And Elimination Biconditional Elimination **Existential Elimination** Or Introduction Equality Introduction Or Elimination **Equality Elimination** Reset Show XML