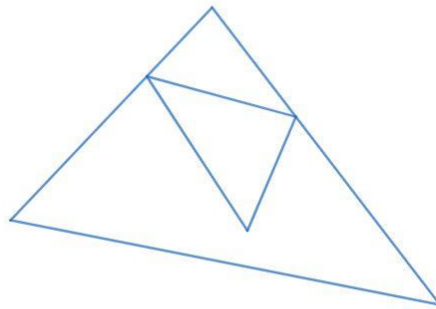


**EECS 118**  
**Knowledge Engineering and Software Engineering**  
**Fall 2019**

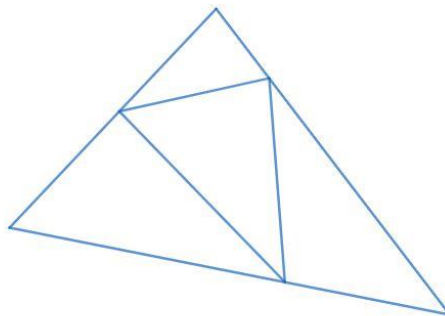
**Term Project**  
**Symbolic Geometry Problem Solver**  
**Project Supplement**  
**Problem Set D**

**Assigned Problems:**

1. Two triangles have two intersection points:  
The intersections are on two different sides. All three sides of a triangle are inside another triangle.



2. Two triangles have three intersection points:  
The intersections are on three different sides. All three sides of a triangle are inside another triangle.



You are encouraged to draw your own diagrams based on the description. The diagrams above are only for your reference, you need to consider all cases as long as they meet the description. Please also consider boundary cases.