UNIVERSITY OF ILLINOIS
Department of Electrical and Computer Engineering ECE 417 Multimedia Signal Processing

## Lecture 24 Sample Problems

## Problem 24.1

Consider the following problem:

- The input triangle $U$ has corners at $(0,0),(0,1)$, and $(1,1)$.
- The output triangle $X$ has corresponding corners at $(2,4),(3,2)$, and $(4,4)$.

What is the input point corresponding to the output point at $(3,3)$ ?

