

## **Homework 12**

**Due Friday, April 18 in class**

### **Lecture 31 (Friday, April 11)**

Do exercises 5.5 and 5.7.

Please pay attention to the integral bounds because the domain of  $(Y_1, Y_2)$  is not a rectangle! It is better to draw and see the domains before doing the problem.

### **Lecture 32 (Monday, April 14)**

Do exercises 5.23 and 5.27.

The domains in these two problems are not rectangles neither! It is better to draw and see the domains before doing the problem.

### **Lecture 33 (Wednesday, April 16)**

Do exercises 5.32, 5.52 and 5.53.

**That's all for homework 12.**