• Problems 2.19, 2.23, 2.31, 2.34, 2.35 from Prof. Hajek’s text.
• Prove Cramér’s theorem - the theorem was stated in class and you can read the solution in Prof. Hajek’s text, page 61. You have to write your own solution and explain every step carefully.
• Prove McDiarmid’s inequality stated in class. Use the steps outlined in our sketch of the proof, and the peeling argument we used in proving Azuma’s inequality (you should address this exercise after our Tuesday “Halloween” lecture).