

MAT337H1, Introduction to Real Analysis: Quiz 2 coverage

Quiz 1 will be based on the material covered in Mar 3 - 17 classes. (See Sections 5.5, 6.3, and 6.4 of the textbook, as well as the lecture notes on integration posted at the web page). You will be asked to prove something and/or to state a definition. Proof questions will be similar to ones from the recommended problems list. As for definitions, you need to be able to define the following:

Uniformly continuous function on a subset $S \subset \mathbb{R}$; (Riemann) integrable function on a closed interval; (Riemann) integral of a function on a closed interval; partition (of a closed interval); mesh of a partition; evaluation sequence for a partition; Riemann sum; lower and upper sums; refinement of a partition.

You do not need to cite exactly the definition stated in class. It is fine if you formulate it in your own words.