

**Abstract**

The mathematician J.E. Littlewood introduced three principles of real analysis:

- (1) every measurable set is nearly a finite union of intervals;
- (2) every measurable function is nearly continuous;
- (3) every pointwise convergent sequence is nearly uniformly convergent.

Here, we prove (ii) and (iii), which are the substance of Lusin's Theorem and Egorov's Theorem respectively.