



SDI Review Form 1.6

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Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_13876
Title of the Manuscript:	On a local equality of distributions and relation of jumps of distributions with Fourier series
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	On Page 1, (line 21, 22, 23, and 26) the notation of infinitely differentiable functions should be $C^\infty(\mathbb{R}^n)$ instead of $C^\infty(\mathbb{R}^n)$. Line 26-30 The definition of convergence of test functions should be rewritten as it is not correct as it stands (refer to [1, Remark 1.2.1, page 6]) Line 51, is the distribution T periodic? Line 68, the identity does not look right Line 95, does C represent the closure? And why is $K \cap (\cup \Omega_i)$ is a subset of Ω_1	Thank you, for your reasonable requests. We re-wrote the notations. We improved technical mistake. Yes it is. We think its correct. Line 95. C represents complement. We gave additional reason why $K \cap (\cup \Omega_i)$ is a subset of Ω_1
<u>Minor</u> REVISION comments	Line 38, I suggest to use $S(\mathbb{R}^n)$ instead of S, since the same space is referred to again on line 50 Line 45, it should be $\langle T, \phi \rangle$ instead of (T, ϕ) Line 50, I suggest $f^\wedge$ for the Fourier transform	Improved. Improved Also in theorem 3 we used the same symbol.
<u>Optional/General</u> comments	A lot of editing needs to be done A part from the definitions that are mostly taken from reference [1] that the author cited, I did not see any plagiarism.	Thank you.