

June 3, 2015

Dear Editor-in-Chief Mr. Mitidieri:

We would like to submit the revised version of our manuscript entitled “Some existence results on periodic solutions of Euler-Lagrange equations in an Orlicz-Sobolev space setting”, Ms. Ref. No.: NA-D-14-01591, for consideration by the “Nonlinear Analysis: Theory, Methods & Applications”. Next, we enumerate the list of changes according to the reviewers’ comments.

- Page 2: we added the spaces to which the functions b , c , and f belong.
- Page 4: we added a reference to the Hölder inequality in Orlicz spaces.
- Page 5: we deleted the requirement that u belongs to L^Φ in the definition of the Orlicz-Sobolev space W^1L^Φ .
- Page 6: we renamed inequalities (15) and (16) and we corrected the references to them in whole paper.
- Page 9, Definition 3.1: we changed the definition of Carathéodory function according to reviewers’ advise.
- Page 17, Lemma 6.1: We added the hypothesis “ F satisfies the condition (A)” because the differentiability of F is necessary and we were not assuming that condition in the previous formulation.
- Page 18: before Theorem 6.2, we added a brief comment.
- Pages 19 and 20: after the proof of Theorem 6.2, we included a discussion about the contributions of our main theorem and examples of its applications.

We remain at your disposal for any further information you may need.

Sincerely,

Fernando Mazzone