The submitted paper, intitled "BUCK BASED DMPPT EMULATOR: A helpful Experimental demonstration unit" is an extended version of a paper presented during the IMEKO TC-4 2020 Symposium. With respect to conference version, intitled "DMPPT experimental demonstration unit based on Buck converter", the submitted paper has been complitely revised both in the formal and substantive aspects. In particular:

- 1) All figures have been modified;
- 2) A further nine figures have been introduced;
- 3) A new paragraph has been introduced;
- 4) An exhaustive experimental activity has been carried out.