

IMPLEMENTATION REGULATION FOR THE CUMULATIVE DISSERTATION

Resolution No. PA 262/1, Doctoral Committee ETIT of November, 24th 2021

The regulations for cumulative dissertations are stated in the **Doctoral Regulations of the Faculty of Electrical Engineering and Information Technology (AB Nr. 1408 | 16.04.2021) §11 (6)**:

„A cumulative dissertation consisting of several scientific papers may be recognized if these papers are thematically related, have undergone a procedure for scientific quality assurance, and in their entirety meet the requirements of §11 (1). Further details are regulated by an implementation regulation of the doctoral committee. A cumulative dissertation requires the approval of the first supervisor and must be applied for and approved by the doctoral committee at the latest when applying for admission to the doctoral examination procedure.“

As an introduction to the dissertation, the doctoral candidate must include a detailed summary of the contents of the publications, clarifying how the publications are thematically related and how they are to be classified in relation to the research question being addressed. A guideline for an appropriate minimum length is 40 pages.

In principle, the cumulative dissertation contains at least **three relevant scientific publications** by the doctoral candidate, which are subject to the following requirements:

1. the doctoral candidate must be the first author of the publications.
2. the publications must have been published in international and recognized peer-reviewed journals (usually evidenced by the Journal Citation Report, Web of Science).
3. the doctoral candidate's own contribution to the publication must outweigh that of the co-authors and is presented in an additional letter for each publication. The presentation of the own contribution must be confirmed by the supervisor. Additional confirmation by the co-authors is recommended.
4. the publication of the dissertation must not be hindered by the assignment of copyrights to the publication bodies of the publications. The doctoral student is responsible for obtaining appropriate permissions.

If the minimum number of three publications is fulfilled, further scientific publications or manuscripts may be used, in which the doctoral candidate has a substantial share, but

- a) does not have to be first author,
- b) the work has not yet been accepted for publication,
- c) the work has been published as a conference publication.