FOREWORD

The current issue of „Elektryka” quarterly contains 7 papers submitted by researchers from different Polish technical universities and scientific centres.

In first paper comes from Jerzy Hickiewicz (Opole Technical University) and Piotr Rataj (Opole University) have been introduces electrical engineering activities of Ignacy Mościcki, an eminent scientist, technician and later president of the Republic of Poland.

Authors of next paper Andrzej Zawadzki and Maciej Włodarczyk (Kielce University of Technology) have discussed CFE (Continued fraction expansion) method as a quality analysis of the approximation of reverse laplace transform of fractional order.

In next article by Jarosław Szczepanik and Maciej Włodarczyk (Kielce University of Technology) paper presents a method of determining the transmittance of circuits with distributed parameters, in this case a transmission line consisting of a cascade of identical four-terminal networks.

Coordination of phase shifting transformers by means of the Swarm algorithm are topic of the article by Roman Korab, Robert Owczarek and Marcin Połomski (Silesian University of Technology).

The paper by Robert Wójcicki and Krzysztof Dębowski (Silesian University of Technology) discusses the impact of prosumer photovoltaics installations on shaping the profile of the KSE power demand in Poland at different times of the year.

Last paper has been submitted by Wojciech Lubicki, Maksymilian Przygrodzki (Silesian University of Technology) and concern selected methods of determining probabilistic power flow.

All papers featured in the quarterly have been approved by the Reviewers, in accordance with the adopted double-blind review process rule.

Prof. dr hab. inż. Marian Pasko
Redaktor działowy kwartalnika „Elektryka”