Contribution ID: 52 Type: Poster

Magnetic Coupling in Tesla transformers

Monday 19 June 2017 13:30 (1h 30m)

The majority of publications dealing with Tesla transformers are confined to studies of their performance based on a familiar lumped equivalent circuit. This paper will differ from these in being concerned with the very important and practical issue of the coupling between the two transformer winding. It will consider the importance of the coupling factor for different practical applications and illustrate the different constructional features that may be involved.

Authors: Dr CRAVEN, Richard (Loughborough University); NOVAC, Bucur (Loughborough University); Prof. SMITH, Ivor (Loughborough University)

Presenter: Prof. SMITH, Ivor (Loughborough University)

Session Classification: Poster session I - High Power Microwaves, RF Sources and Antennas

Track Classification: High Power Microwaves, RF Sources and Antennas