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Electromagnetic-thermal non-destructive inspection combines electromagnetic excitation and transient infrared thermography. It has been proposed as an alternative method [1] to the classical eddy-current non-destructive testing: A coil is used to induce eddy currents inside the conducting material under

The Effect of the Angle of Inclination of the Exciting

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are derived from the in-situ estimation of high-frequency electromagnetic RLMC lumped network parameters. Different physical phenomena such as inductive and capacitive effects, as well as skin ... including thermal (additional heating, thermal overload), electrical (high-energy transient voltages, partial discharges), ... Non-Destructive ...

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