



**The Effect of Lamination Thickness of Transformer
Core on the Flux and Power Loss Distribution Using
Grain-Oriented 3.1% Silicon Iron**

by

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*Untuk Ayahanda dan Bonda yang dikasihi,
Abang, Kak Ina, Kak Ila, Abang Yon, Abang Mamat, Ayu, Awish dan Amalia.
Teristimewa buat Suami tercinta, Reza serta keluarga yang banyak memberi sokongan
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LIST OF ABBREVIATIONS

2D	Two dimensional
3D	Three dimensional
AC	Alternating Current
Co	Cobalt
CRGO	Cold-Rolled Grain Oriented
DC	Direct Current
EMF	<u>Electromotive Force</u>
FEM	Finite Element Method
M4	Grain Oriented Silicon Steel Sheet's Grade
MTM	Malaysian Transformer Manufacturing
Ni	Nickel
RM	Ringgit Malaysia
SEM	Scanning Electron Microscope
SiFe	Silicon Ferrite
TNB	Tenaga Nasional Berhad