

Acknowledgement

All praises and thanks are to Allah, the Lord of all the worlds, the most Beneficent, the most Merciful for giving me the opportunity to start and successfully complete this work.

I am indebted to a number of individuals and organization who made the completion of this work possible. Firstly, my profound gratitude to my supervisor, Prof. Dr.-Ing. G. Krost for his readiness at all times to be of help and whose critical suggestions, discussions and guidance were invaluable to the logical conclusion of this work.

I am equally grateful to Prof. Dr.-Ing. W. Geisselhardt, as co-supervisor and for his acceptance to take part in my defense in a short time.

I would like to express my gratitude to Dip.-Ing. P. Beckhaus, Dip.-Ing. M. Linders for their technical support and every member of staff of “Fachgebiet Elektrische Anlage und Netze” who have contributed towards the successful completion of this work.

Very special thank to my lovely wife, Saidat Ajoke, for her patience, understanding and words of encouragement during the crucial stage of this work. I also thank my brothers and sister.

Finally, I wish to acknowledge the financial support of German Academic Exchange Service (DAAD) and for giving me the opportunity to pursue my doctoral degree in Germany.

Ganiyu Ayinde Bakare

Duisburg, July 2001

