



# Numerical Distance Protection: Principles and Applications

*By Gerhard Ziegler*

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**Numerical Distance Protection: Principles and Applications** By Gerhard Ziegler

Distance protection provides the basis for network protection in transmission systems and meshed distribution systems. Initially, this book covers the fundamentals of distance protection and the special features of numerical technology. The emphasis is then placed on the application of numerical distance relays in distribution and transmission systems. For the second edition, all contents, and especially the product descriptions have been revised and updated. This book is aimed at students and engineers who wish to familiarise themselves with the subject of power system protection, as well as the experienced user, entering the area of numerical distance protection. Furthermore, it serves as a reference guide for solving application problems.

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### **Editorial Review**

#### **Review**

"This book provides the power engineer with a comprehensive in-depth look at fundamental calculations used in distance (zone) protection..." (*IEEE Electrical Insulation*, February 1, 2002)

#### **From the Back Cover**

##### **Numerical Distance Protection**

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#### **About the Author**

Gerhard Ziegler (Grad. Eng.), was born in 1939, and has been working in the area of power system protection with Siemens AG in Erlangen/Nuremberg, Germany for a period of 35 years.

He was active in the areas of product support, application and project planning, marketing and sales, on a world-wide basis. He retired in 2002 but continues to work as consultant.

G. Ziegler has published numerous national and international contributions in the area of power system protection. He served in International organisations for many years.

From 1993 to 2001 he was the German delegate to the IEC TC95 (measuring relays and protection equipment). He is past chairman of the Study Committee 34 (protection and local control) and Honorary Member of CIGRE.

### **Users Review**

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##### **Ronald Fowler:**

This Numerical Distance Protection: Principles and Applications book is not really an ordinary book, you have it then the world is in your hands. The benefit you get by reading this book will be information inside this reserve incredible fresh, you will get information which is getting deeper anyone read a lot of information you will get. This kind of Numerical Distance Protection: Principles and Applications without we know teach the one who studying it become critical in considering and analyzing. Don't possibly be worry Numerical Distance Protection: Principles and Applications can bring when you are and not make your bag

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