Politechnika Śląska

Instytut Automatyki

Charakterystyka błędów pomiarowych spowodowanych uproszczeniem modeli zjawisk fizykochemicznych w wieloskładnikowych pomiarach potencjometrycznych

Characterisation of Measurement Errors
Caused by Model Simplifications of Physico-Chemical Phenomena
in Multi-Component Potentiometric Analysis





Rozprawa doktorska mgr inż. Józef Herbert Wiora

Promotor: prof. dr hab. inż. Jerzy Frączek

© Copyright by Józef H. Wiora 2005 All Rights Reserved

Acknowledgements

I would like to express my sincere gratitude to:

my supervisor Prof. Jerzy K. Frączek, DSc, PhD for his contact support, guidance and encouragement throughout the duration of this thesis;

my first master Marek Szylderowicz, MSc who as first introduced me to the world of maths and physics;

my co-worker Andrzej Kozyra, PhD and other co-workers for many valuable discussion and tips;

my parents Johanna and Paul Wiora for raising me with love, being great role models and motivation that they have given me through the years;

my wife and co-worker Alicja Wiora, MSc for her patience, constant love, faith, help and support.