

CONCLUSIONS

Specially designed electrochemical multilamellar cells where a central foil is insulated so that it acts as a reference electrode, have enabled the plotting of polarization curves, representative of the atmospheric corrosion phenomenon.

Due to speed of the measurements, which provide almost instantaneous corrosion rates, the method is ideal for an analysis of each corrosion factor separately, which may provide a valuable guide for a better understanding of the corrosion processes and the establishment of their mechanism.

It is possible to obtain polarization curves with adsorbed moisture layers even in the absence of visible electrolyte layers.

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ANNUAL INDEX

Kalousek Polarographic Study of Co (II) in Britton-Robinson Media, M. A. Nuñez, C. Sanz, C. Monléon and F. Vicente	5
Possibilities of Voltammetric Methods for Speciation in the Presence of Particles, M. L. S. Gonçalves, L. Sigg and W. Stumm	15
Differential Pulse Polarographic Determination of Some 6 - Acyl - 2 (3 H) - Benzoxalone Derivatives, A. Temizer, N. Özaltın and H. Erdogan	33
The Effect of Carbonate/Bicarbonate on the Electrochemical Behaviour of Mild Steel in Alkaline Media, C. M. Rangel, R. A. Leitão and I. T. Fonseca	43
Characterization of Passive Films on Stainless Steel by Photoelectrochemical and Impedance Techniques, A. M. P. Simões, M. C. Belo, M. G. S. Ferreira and B. Rondot	59
Notice	71
Influence of the Surface Structure of Metal Electrodes on the Double Layer Parameters and Reaction Kinetics, A. Hamelin	77
Membrane Electrodes of Herbicidal and Pharmaceutical Interest, F. N. Assubaie, G. J. Moody, R. K. Owusu and J. D. R. Thomas	103
Mechanism of Reduction of Ni (II) - Alcoholamine Complexes on the Dropping Mercury Electrode, F. Rey, J. M. Antelo, F. Arce and J. M. L. Fonseca	125
Voltammetric Study with a Glassy Carbon Electrode of the Pesticides Fenthion and Fenitrothion, J. H. Méndez, R. C. Martínez F. B. Domínguez and J. C. H. Domínguez	135
Erratum	147
Announcement	149
Structure-Reactivity Relationships in Homogeneous Electron Transfer Reactions, D. V. Rorabacher	157

The Multi-Step Character of Electrode Reactions: Effects of Solvation, Complexation and Double-Layer Interactions, <i>M. Sluyters-Rehbach</i> and <i>J. H. Sluyters</i>	161
Membrane Electrodes of Herbicidal and Pharmaceutical Interest, <i>J. D. R. Thomas</i>	165
Influence of the Surface Structure of Metal Electrodes on Double Layer Parameters and the Reaction Kinetics, <i>A. Hamelin</i>	166
Electrochemistry of Conductive Polymers, <i>J. Przyluski</i>	167
Utilidade das Curvas de Histerese para a Determinação do Efeito da Temperatura nas Características de Resposta dos ESIs, <i>T. M. S. D. Vasconcelos</i> e <i>A. S. C. Machado</i>	171
Some Problems Related to the Reduction Charge in Potentiodynamic Studies of Passivating Films, <i>S. R. Biaggio</i> , <i>N. Bocchi</i> and <i>C. V. D'Alkaine</i>	175
Electrochemical Study of Isocyanide Derivatives of Ferrocene and of their Complexes with the { Cr (CO) ₅ } Centre, <i>T. El-Shihi</i> , <i>F. Siglmüller</i> , <i>R. Herrmann</i> , <i>M. F. N. N. Carvalho</i> and <i>A. J. L. Pombeiro</i>	179
The Cathodic Cleavage of the 4-Nitrobenzyloxycarbonyl Group from Amine Derivatives in Aprotic Conditions, <i>H L. S. Maia</i> , <i>M. J. Medeiros</i> , <i>M. I. Montenegro</i> and <i>D. Pletcher</i>	187
Simulation of a Natural Water Interface, <i>A. M. Mota</i> , <i>M. L. S. Gonçalves</i> and <i>M. M. C. Santos</i>	191
Ultramicroelectrodes : Smalls Is Better, <i>M. I. Montenegro</i> and <i>D. Pletcher</i>	197
Polarography of the Copper Adenine System in Sulphuric Acid Medium, <i>J. E. Simão</i> and <i>H. M. Tavares</i>	201
Cyclic Voltammetric Studies of Organometallic Compounds at a Platinum Ultramicroelectrode, <i>M. I. Montenegro</i> and <i>M. A. M. Queirós</i>	207
How to Induce Reversibility : Ad - Electrodes, <i>I. Fonseca</i> , <i>A. C. Marin</i> and <i>D. Pletcher</i>	211
Electrochemical Studies on Electron Transfer Proteins, <i>P. E. C. Lopes</i> , <i>C. Costa</i> , <i>J. J. G. Moura</i> and <i>M. I. Montenegro</i>	215

Electrochemical Behaviour of Arylthioethyl Groups in Carboxyl Protection, <i>C. M. Delerue-Matos</i> , <i>H. L. S. Maia</i> , <i>M. I. Montenegro</i> and <i>D. Pletcher</i>	219
Stability Constants of Bis-Crown Ether-Metal Ion Complexes, <i>M. F. G. F. C. Camões</i> , <i>K. Tóth</i> , <i>I. Farkas</i> and <i>E. Pungor</i>	223
Studies of Cells with Liquid Junctions, <i>M. J. F. Rebelo</i>	231
The Effect of pH on the Electrochemical Degradation of a Group of Urea Herbicides, <i>A. M. O. Brett</i> and <i>S. A. Adeyemi</i>	239
O ₂ Reduction on Reorganized Gold Surfaces, <i>C. Paliteiro</i>	243
Chronopotentiometric and Impedance Studies at the Nitrobenzene-Water Interface in the Presence of 1:2 Electrolytes, <i>F. Silva</i> and <i>S. M. M. Pereira</i>	247
The Impedance of the Water — 1, 2, — Dichloroethane Interface, <i>F. Silva</i> and <i>C. J. R. Silva</i>	251
Adsorption of Perchlorate Ions at the Au (100) Aqueous Solution Interface, <i>F. Silva</i> and <i>M. J. Sottomayor</i>	255
The Effect of Temperature on the Differential Capacity of the Interface between Mercury and Aqueous Solutions of Manitol, Sorbitol and Dulcitol, <i>F. Silva</i> and <i>S. Rodrigues</i>	257
Kinetics of Copper Dissolution in NaOH and KOH Melts, <i>T. Tsvetkoff</i> and <i>N. Lingorski</i>	259
Soluções Padrão de Tampão Citrato, <i>M. J. G. H. M. Lito</i> and <i>M. F. G. F. C. Camões</i>	261
Electrochemical Behaviour of a Cu - Ag - Al Alloy. I. Potentiodynamic Studies in Sodium Hydroxide, <i>R. Z. Nakazato</i> , <i>P. T. A. Sumodjo</i> and <i>A. V. Benedetti</i>	263
The Electrochemical Oxidation of Heterodienecarbonyl - Iron (0) Complex with Different Ligands, <i>A. V. Benedetti</i> and <i>V. M. Nogueira</i>	267
Photoelectrochemical Electron Spin Resonance: The Reduction of Fluorescein at Illuminated Mercury Electrodes, <i>R. G. Compton</i> , <i>R. G. Harland</i> , <i>M. B. G. Pilkington</i> , <i>G. M. Stearn</i> , <i>P. R. Unwin</i> and <i>A. M. Waller</i>	271
Influence of Electrolyte Composition upon the Mechanisms of Decomposition and Stabilization of GaAs Protoanodes, <i>W. P. Gomes</i> and <i>S. Lingier</i>	281

Étude du Système Ag Tl Te - Hg Te. Diagramme d'Équilibre et Caractérisation Physique, <i>B. Gardes, G. Brun et J. C. Tedenac</i>	285
Influence of Temperature on the Electronic Structure of Passive Films on AISI 304 Stainless Steel Photoelectrochemistry and Impedance Measurements, <i>A. M. P. Simões, M. G. S. Ferreira, B. Rondot and M. C. Belo</i>	289
Glass Transition Temperatures of Poly (Vinyl Chloride) and Poly (Acrylate) Materials and Calcium Ion - Selective Electrode Properties, <i>G. J. Moody, B. Saad and J. D. R. Thomas</i>	295
Adsorptive Stripping Voltammetry: a Versatile Technique for Environmental and Clinical Studies, <i>A. G. Fogg and R. M. Fleming</i>	299
Trace Metal Analysis at the Wall-Jet Ring - Disc Electrode, <i>C. M. A. Brett and M. M. P. M. Neto</i>	305
Dielectric Properties of Binary Mixtures of Cyclohexanol and Non-Polar Liquids, <i>M. L. P. Leitão, M. E. S. Eusébio and J. S. Redinha</i>	309
Determinações Potenciométricas por Análise de Injecção em Fluxo. Desenvolvimento e Utilização de uma Célula de Fluxo com Módulos Descartáveis, <i>C. M. G. P. Ferreira e M. F. G. F. C. Camões</i>	315
Identification and Determination of Colouring Matters in Corks using Differential - Pulse Polarography, <i>A. A. Barros and J. A. M. Rodrigues</i>	317
A Informatização e Automação na Electroanálise, <i>A. S. Júnior e A. C. Pedro</i>	323
Titulações Potenciométricas de Ácidos Fúlvicos em N, N - Dimetilformamida, <i>M. T. S. D. Vasconcelos, A. A. S. C. Machado e J. C. G. E. Silva</i>	325
DPASV of Pb and Zn in Mixed Solvent (Water - Ethanol), <i>F. Silva, C. Moura and J. Ferreira</i>	327
Características de Respostas de ESIs para Cloreto com Sensor de Sais de Mercúrio no Intervalo 10-60° C, <i>M. T. S. D. Vasconcelos, A. A. S. C. Machado e F. Rey</i>	329
Cadmium and Lead Levels in the Ria Formosa, <i>M. J. Bebiano</i>	333

Chronopotentiometric Studies of Complexes in the Absence of Large Ligand Excess, <i>M. Barrera, M. P. Sánchez, A. O. H. Sánchez and A. Arévalo</i>	339
Interferência do Cr (VI) nas Determinações Voltamétricas de Metais Pesados, <i>A. C. Barbosa and T. A. P. G. Cotta</i>	343
The Use of Ion Selective Electrode in the Study of Complex Formation. Reactions of Silver Ion with Amino and Carboxylic Group Ligands, <i>J. M. C. Costa and J. S. Redinha</i>	347
Water Determination in Organic Solvents by Oscillometry, <i>M. L. Leitão, F. S. Costa and J. S. Redinha</i>	351
Pressure and Temperature Effects on the Walden Product of Two Tetra-Alkyl Ammonium Salts in Different Solvents, <i>C. A. N. Viana, A. T. Calado and H. Vicente</i>	357
Peculiar Behaviour of Ionogenic Aqueous Solutions around 4° C, <i>C. A. N. Viana and M. M. G. S. Rocha</i>	361
Cementation of Copper on Packed Beds of Aluminium Pellets, <i>A. A. Wragg and C. R. Dresner</i>	363
The Pd-Gate Misfet as an Electrochemical Sensor for Corrosion Processes, <i>C. A. C. Sequeira, A. M. G. Pacheco and M. G. I. B. Teixeira</i>	367
The Pitting Corrosion of Mild Steel in Chloride Containing Solutions, <i>C. M. Rangel, M. H. Simplicio and M. G. S. Ferreira</i>	371
Influence of Oxygen Diffusion on the Mechanism of Corrosion Process under Thin Electrolyte Films, <i>M. J. Justo, M. G. S. Ferreira and M. E. Almeida</i>	375
Electrochemical Preparation of a Copper Tool - Electrode Utilized in Electric - Discharge Machining, <i>P. Molera and E. Julve</i>	379
Mésures Electrochimiques pour l'Évaluation des Inhibiteurs de la Corrosion, <i>J. Damborenea et A. J. Vázquez</i>	383
Solar Selective Black Ni - Cd Alloy Coatings for Electrodeposition, <i>J. P. Roda, F. S. Fernandez and F. T. Espinosa</i>	387
Polarization Curves of the Atmospheric Corrosion Phenomena, <i>J. A. González and E. Otero</i>	391

AUTHORS

ADEYEMI, S. A. <i>see</i> A. M. O. BRETT	239
ALMEIDA, M. E. <i>see</i> M. J. JUSTO	375
ANTELO, J. M., <i>see</i> F. REY	125
ARCE, F., <i>see</i> F. REY	125
ARÉVALO, A., <i>see</i> M. BARRERA	339
ASSUBAIE, F. N., G. J. MOODY, R. K. OWUSU and J. D. R. THOMAS, Membrane Electrodes of Herbical and Pharmaceutical Interest	103
BARBOSA, A. C. and T. A. P. G. COTTA, Interferência do Cr (VI) nas Determinações Voltamétricas de Metais Pesados	343
BARRERA, M., M. P. SÁNCHEZ, A. O. H. SÁNCHEZ and A. ARÉVALO, Chro- nopotentiometric Studies of Complexes in the Absence of Large Ligand Excess	339
BARROS, A. A. and J. A. M. RODRIGUES, Identification and Determina- tion of Colouring Matters in Corks using Differential-Pulse Polarography	319
BEBIANO, M. J., Cadmium and Lead Levels in the Ria Formosa	333
BELO, M. C., <i>see</i> A. M. P. SIMÕES	59
BELO, M. C., <i>see</i> A. M. P. SIMÕES	289
BENEDETTI, A. V. and V. M. NOGUEIRA, The Electrochemical Oxidation of Heterodienecarbonyl-Iron (0) Complex with Different Ligands	267
BENEDETTI, A. V. <i>see</i> R. Z. NAKAZATO	263
BIAGGIO, S. R., N. BOCCHI and C. V. D'ALKAINE, Some Problems Related to the Reduction Charge in Potentiodynamic Studies of Passivating Films	175
BOCCHI, N., <i>see</i> S. R. BIAGGIO	175
BRETT, A. M. O. and S. A. ADEYEMI, The Effect of pH on the Elec- trochemical Degradation of a Group of Urea Herbicides	239
BRETT, C. M. A. and M. M. P. N. NETO, Trace Metal Analysis at the Wall-Jet Ring Disc Electrode	305
BRUN, G., <i>see</i> B. GARDES	285

CALADO, A. T., <i>see</i> C. A. N. VIANA	357
CAMÕES, M. F. G. F. C., K. TÓTH, I. FARKAS and E. PUNGOR, Stability Constants of Bis-Crown Ether-Metal Ion Complexes	223
CAMÕES, M. F. G. F. C., <i>see</i> M. J. G. H. M. LITO	261
CAMÕES, M. F. G. F. C., <i>see</i> C. M. G. P. FERREIRA	315
CARVALHO, M. F. N. N., <i>see</i> EL-SHIHI	179
COMPTON, R. G., R. G. HARLAND, M. B. G. PILKINGTON, G. M. STEARN, P. R. UNWIN and A. M. WALLER, Photoelectrochemical Electron Spin Resonance The Reduction of Fluorescein at Illuminated Mercury Electrodes	271
COSTA, C., <i>see</i> P. E. C. LOPES	215
COSTA, F. S., <i>see</i> M. L. P. LEITÃO	351
COSTA, J. M. C. and J. S. REDINHA, The Use of Ion Selective Elec- trode in the Study of Complex Formation. Reactions of Silver Ion with Amino and Carboxylic Group Ligands	347
COTTA, T. A. P. G., <i>see</i> A. C. BARBOSA	343
D'ALKAINE, C. V., <i>see</i> S. R. BIAGGIO	175
DAMBORENEA, J. and A. J. VÁZQUEZ, Mésures Électrochimiques pour l'Évaluation des Inhibiteurs de la Corrosion	387
DELERUE-MATOS, C. M., H. L. S. MAIA, M. I. MONTENEGRO and D. PLETCHER, Electrochemical Behaviour of Arylthioethyl Groups in Carboxyl Protection	219
DOMINGUEZ, F. B., <i>see</i> J. H. MENDEZ	135
DOMINGUEZ, J. L. H., <i>see</i> J. H. MENDEZ	135
DRESNER, C. R., <i>see</i> A. A. WRAGG	363
EL-SHIHI, T., F. SIGLMILLER, R. HERRMANN, M. F. N. N. CARVALHO and A. J. L. POMBEIRO, Electrochemical Study of Isocyanide Derivatives of Ferrocene and of their Complexes with { Cr (CO) ₅ } Centre	179
ERDOGAN, H., <i>see</i> A. TEMIZER	33
ESPINOSA, F. T., <i>see</i> J. P. RODA	387
EUSÉBIO, M. E. S., <i>see</i> M. L. P. LEITÃO	309
FARKAS, I., <i>see</i> M. F. G. F. C. CAMÕES	223

FERNANDEZ, F. S., <i>see</i> J. P. RODA	387
FERREIRA, C. M. G. P. and M. F. G. F. C. CAMÕES, Determinações Potenciométricas por Análise de Injecção em Fluxo. Desenvolvimento e Utilização de uma Célula de Fluxo com Módulos Descartáveis	315
FERREIRA, J. <i>see</i> F. SILVA	327
FERREIRA, M. G. S., <i>see</i> A. M. P. SIMÕES	59
FERREIRA, M. G. S., <i>see</i> M. J. JUSTO	375
FERREIRA, M. G. S., <i>see</i> A. M. P. SIMÕES	289
FERREIRA, M. G. S., <i>see</i> C. M. RANGEL	371
FLEMING, R. M., <i>see</i> A. G. FOGG	299
FOGG, A. G. and R. M. FLEMING, Adsorptive Stripping Voltammetry: a Versatile Technique for Environmental and Clinical Studies	299
FONSECA, I., A. C. MARIN and D. PLETCHER, How to Induce Reversibility: Ad - Electrodes	211
FONSECA, I. T., <i>see</i> C. M. RANGEL	43
FONSECA, J. M. L., <i>see</i> F. REY	125
GARDES, B., G. BRUN et J. C. TEDENAC, Étude du Système Ag Tl Te - Hg Te. Diagramme d'Équilibre et Caractérisation Physique	285
GOMES, W. P. and S. LINGIER, Influence of Electrolyte Composition upon the Mechanisms of Decomposition and Stabilization of GaAs Photoanodes	281
GONÇALVES, M. L. S., L. SIGG and W. STUMM, Possibilities of Voltammetric Methods for Speciation in the Presence of Particles	15
GONÇALVES, M. L. S., <i>see</i> A. M. MOTA	191
GONZÁLEZ, J. A. and E. OTERO, Polarization Curves of the Atmospheric Corrosion Phenomena	391
HAMELIN, A., Influence of the Surface Structure of Metal Electrodes on the Double Layer Parameters and Reaction Kinetics	77
HAMELIN, A., Influence of the Surface Structure of Metal Electrodes on the Double Layer Parameters and Reaction Kinetics	166
HARLAND, R. G., <i>see</i> R. G. COMPTON	271
HERRMANN, R., <i>see</i> T. EL-SHIHI	179

JULVE, E., <i>see</i> P. MOLERA	379
JÚNIOR, A. S. e A. C. PEDRO, A Informatização e Automação na Electroanálise	323
JUSTO, M. J., M. G. S. FERREIRA and M. E. ALMEIDA, Influence of Oxygen Diffusion on the Mechanism of Corrosion Processes under Thin Electrolyte Films	375
LEITÃO, M. L. P., M. E. S. EUSÉBIO and J. S. REDINHA, Dielectric Properties of Binary Mixtures of Cyclohexanol and Non-Polar Liquids	309
LEITÃO, M. L. P., F. S. COSTA and J. S. REDINHA, Water Determination in Organic Solvents by Oscillometry	351
LEITÃO, R. A., <i>see</i> C. M. RANGEL	43
LINGIER, S., <i>see</i> W. P. GOMES	281
LINGORSKI, N., <i>see</i> T. TSVETKOFF	259
LITO, M. J. G. H. M. e M. F. G. F. C. CAMÕES, Soluções Padrão de Tampão Citrato	261
LOPES, P. E. C., C. COSTA, J. J. G. MOURA and M. I. MONTENEGRO, Electrochemical Studies on Electron Transfer Proteins	215
MACHADO, A. S. C., <i>see</i> M. T. S. D. VASCONCELOS	171
MACHADO, A. S. C., <i>see</i> M. T. S. D. VASCONCELOS	325
MACHADO, A. S. C., <i>see</i> M. T. S. D. VASCONCELOS	329
MAIA, H. L. S., M. J. MEDEIROS, M. I. MONTENEGRO and D. PLETCHER, The Cathodic Cleavage of the 4 - Nitrobenzyloxycarbonyl Group from Amine Derivatives in Aprotic Conditions	187
MAIA, H. L. S., <i>see</i> C. M. DELERUE-MATOS	219
MARIN, A. C., <i>see</i> I. FONSECA	211
MARTINEZ, R. C., <i>see</i> J. H. MENDEZ	135
MEDEIROS, M. J., <i>see</i> H. L. S. MAIA	187
MENDEZ, J. H., R. C. MARTINEZ, F. B. DOMINGUEZ and J. L. H. DOMINGUEZ, Voltammetric Study with a Glassy Carbon Electrode of the Pesticides Fenthion and Fenitrothion	135
MOLERA, P. and E. JULVE, Electrochemical Preparation of a Copper Tool-Electrode Utilized in Electric-Discharge Machining	379

MONLEÓN, C., <i>see</i> M. A. NUÑEZ	5
MOODY, G. J., B. SAAD and J. D. R. THOMAS, Glass Transition Temperatures of Poly (Vinyl Chloride) and Poly (Acrylate) Materials and Calcium Ion - Selective Electrode Properties	295
MOODY, G. J., <i>see</i> F. N. ASSUBAIE	103
MONTENEGRO, M. I. and D. PLETCHER, Ultramicroelectrodes: Small Is Better	197
MONTENEGRO, M. I., <i>see</i> H. L. S. MAIA	187
MONTENEGRO, M. I., <i>see</i> P. E. C. LOPES	215
MONTENEGRO, M. I., <i>see</i> C. M. DELERUE-MATOS	219
MONTENEGRO, M. I., and M. A. M. QUEIRÓS, Cyclic Voltammetric Studies of Organometallic Compounds at a Platinum Ultramicroelectrode	207
MOTA, A. M., M. L. S. GONÇALVES and M. M. C. SANTOS, Simulation of a Natural Water Interface	191
MOURA, C., <i>see</i> F. SILVA	327
MOURA, J. J. G., <i>see</i> P. E. C. LOPES	215
NAKAZATO, R. Z., P. T. A. SUMODJO and A. V. BENEDETTI, Electrochemical Behaviour of a Cu - Ag - Al Alloy. I - Potentiodynamic Studies in Sodium Hydroxide	263
NETO, M. M. P. M., <i>see</i> C. M. A. BRETT	305
NOGUEIRA, V. M., <i>see</i> A. V. BENEDETTI	267
NUÑEZ, M. A., C. SANZ, C. MONLEÓN and F. VICENTE, Kalousek Polarographic Study of Cu (II) in Britton-Robinson Media	5
OTERO, E., <i>see</i> J. A. GONZÁLEZ	391
OWUSU, R. K., <i>see</i> N. ASSUBAIE	103
ÖZALTIN, N., <i>see</i> A. TEMIZER	33
PACHECO, A. M. C., <i>see</i> C. A. C. SEQUEIRA	367
PALITEIRO, C., O ₂ Reduction on Reorganized Gold Surfaces	243
PEDRO, A. C., <i>see</i> A. S. JÚNIOR	323
PEREIRA, S. M. M., <i>see</i> F. SILVA	247
PILKINGTON, M. B. G., <i>see</i> R. G. COMPTON	271

PLETCHER, D., <i>see</i> I. FONSECA	211
PLETCHER, D., <i>see</i> H. L. S. MAIA	187
PLETCHER, D., <i>see</i> M. I. MONTENEGRO	197
PLETCHER, D., <i>see</i> C. M. DELERUE-MATOS	219
POMBEIRO, A. J. L., <i>see</i> T. EL-SHIHI	179
PRZYLUKSI, J., Electrochemistry of Conducting Polymers	167
PUNGOR, E., <i>see</i> M. F. G. F. C. CAMÕES	223
QUEIRÓS, M. A. M., <i>see</i> M. I. MONTENEGRO	207
RANGEL, C. M., R. A. LEITÃO and I. T. FONSECA, The Effect of Carbonate/Bicarbonate on the Electrochemical Behaviour of Mild Steel in Alkaline Media	43
RANGEL, C. M., M. H. SIMPLÍCIO and M. G. S. FERREIRA, The Pitting Corrosion of Mild Steel in Chloride Containing Solutions	371
REBELO, M. J. F., Studies of Cells with Liquid Junctions	231
REDINHA, J. S., <i>see</i> M. L. P. LEITÃO	309
REDINHA, J. S., <i>see</i> J. M. C. COSTA	349
REDINHA, J. S., <i>see</i> M. L. P. LEITÃO	351
REY, F., J. M. ANTELO, F. ARCE and J. M. L. FONSECA, Mechanism of Reduction of Ni (II) - Alcoholamine Complexes on the Dropping Mercury Electrode	125
REY, F., <i>see</i> M. T. S. D. VASCONCELOS	329
ROCHA, M. M. G. S., <i>see</i> C. A. N. VIANA	361
RODA, J. P., F. S. FERNANDEZ and F. T. ESPINOSA, Solar Selective Black Ni-Cd Alloy Coatings for Electrodeposition	387
RODRIGUES, J. A. M., <i>see</i> A. A. BARROS	317
RODRIGUES, S., <i>see</i> F. SILVA	257
RONDOT, B., <i>see</i> A. M. P. SIMÕES	59
RONDOT, B., <i>see</i> A. M. P. SIMÕES	289
RORABACHER, D. V., Structure - Reactivity Relationships in Homogeneous Electron Transfer Reactions	157
SAAD, B., <i>see</i> G. J. MOODY	295

SÁNCHEZ, A. O. H., <i>see</i> M. BARRERA	339
SÁNCHEZ, M. P., <i>see</i> M. BARRERA	339
SANTOS, M. M. C., <i>see</i> A. M. MOTA	191
SANZ, C., <i>see</i> M. A. NUÑEZ	5
SEQUEIRA, C. A. C., A. M. G. PACHECO and M. G. I. B. TEIXEIRA, The Pd-Gate Misfet as an Electrochemical Sensor for Corrosion Process	367
SIGG, L., <i>see</i> M. L. S. GONÇALVES	15
SIGLMÜLLER, F., <i>see</i> T. EL-SHIHI	179
SILVA, C. J. R., <i>see</i> F. SILVA	251
SILVA, F., C. MOURA and J. FERREIRA, DPASV of Pb and Zn in Mixed Solvents (Water-Ethanol)	327
SILVA, F. and S. M. M. PEREIRA, Chronopotentiometric and Impedance Studies at the Nitrobenzene-Water Interface in the Presence of 1:2 Electrolytes	247
SILVA, F. and S. RODRIGUES, The Effect of Temperature on the Differential Capacity of the Interface between Mercury and Aqueous Solutions of Manitol, Sorbitol and Dulcitol	257
SILVA, F. and C. J. R. SILVA, The Impedance of the Water — 1, 2 — Dichloroethane Interface	251
SILVA, F. and M. J. SOTTOMAYOR, Adsorption of Perchlorate Ions at the Au (100) Aqueous Solutions Interface	255
SILVA, J. C. G. E., <i>see</i> M. T. S. D. VASCONCELOS	325
SIMÃO, J. E. and H. M. TAVARES, Polarography of the Copper Adenine System in Sulphuric Acid Medium	201
SIMÕES, A. M. P., M. C. BELO, M. G. S. FERREIRA and B. RONDOT, Characterization of Passive Films on Stainless Steel by Photoelectrochemical and Impedance Techniques	59
SIMÕES, A. M. P., M. G. S. FERREIRA, B. RONDOT and M. C. BELO, Influence of Temperature on the Electronic Structure of Passive Films on AISI 304 Stainless Steel Photoelectrochemistry and Impedance Measurements	289
SIMPLÍCIO, M. H., <i>see</i> C. M. RANGEL	371
SLUYTERS, J. H., <i>see</i> M. SLUYTERS-REHBACH	161

SLUYTERS-REHBACH, M. and J. H. SLUYTERS, The Multi-Step Character of Electrode Reactions: Effects of Solvation, Complexation and Double-Layer Interactions	161
SOTTOMAYOR, M. J., <i>see</i> F. SILVA	255
STEARNS, G. M. <i>see</i> R. G. COMPTON	271
STUMM, W., <i>see</i> M. L. S. GONÇALVES	15
SUMODJO, P. T. A., <i>see</i> R. Z. NAKAZATO	263
TAVARES, H. M., <i>see</i> J. E. SIMÃO	201
TEDENAC, J. C., <i>see</i> B. GARDES	285
TEIXEIRA, M. G. I. B., <i>see</i> C. A. C. SEQUEIRA	367
TEMIZER, A., N. ÖZALTIN and H. ERDOGAN, Differential Pulse Polarographic Determination of some 6 - Acyl — 2 (3 H) — Benzoxalones Derivatives	33
THOMAS, J. D. R., Membrane Electrodes of Herbicidal and Pharmaceutical Interest	165
THOMAS, J. D. R., <i>see</i> F. N. ASSUBAIE	103
THOMAS, J. D. R., <i>see</i> G. J. MOODY	295
TÓTH, K., <i>see</i> M. F. G. F. C. CAMÕES	223
TSVETKOFF, T. and N. LINGORSKI, Kinetics of Copper Dissolution in NaOH and KOH Melts	259
UNWIN, P. R., <i>see</i> R. G. COMPTON	271
VASCONCELOS, M. T. S. D. e A. S. C. MACHADO, Utilidade das Curvas de Histerese para a Determinação do Efeito da Temperatura nas Características de Resposta dos ESIs	171
VASCONCELOS, M. T. S. D., A. A. S. C. MACHADO e F. REY, Características de Respostas de ESIs para Cloreto com Sensor de Sais de Mercúrio no Intervalo 10-60° C	329
VASCONCELOS, M. T. S. D., A. A. S. C. MACHADO e J. C. G. E. SILVA, Titulações Potenciométricas de Ácidos Fúlvicos em N, N - Dimetilformamida	325
VÁZQUEZ, A. J., <i>see</i> J. DAMBORENEA	383

VIANA, C .A. N., A. T. CALADO and H. VICENTE, Pressure and Temperature Effects on the Walden Product of Two Tetra-Alkyl Ammonium Salts in Different Solvents	357
VIANA, C. A. N. and M. M. G. S. ROCHA, Peculiar Behaviour of Ionogenic Aqueous Solutions Around 4° C	361
VICENTE, F., <i>see</i> M. A. NUÑEZ	5
VICENTE, H., <i>see</i> C. A. N. VIANA	357
WALLER, A. M., <i>see</i> R. G. COMPTON	271
WRAGG, A. A. and C. R. DRESNER, Cementation of Copper on Packed Beds of Aluminium Pellets	363