

REFERENCE

### **REFERENCES**

- 1 - N.D. Tomaeshov. : Corrosion, 20, 7 t (1964).
- 2 - J.C. Scully : "The Fundamental of Corrosion"  
2nd Edn. P. 56.  
Pergamon Press (1975).
- 3 - U.R. Evans : "Metallic Corrosion and Protection"  
Edward Arnold (1937).
- 4 - C. Wagner and W. : Z. Elektrochm., 44, 391 (1938).  
Traud.
- 5 - N. Sato : Corros. Sci., 27 (5), 421 (1983).
- 6 - L.A. Medvedeva and Ya. : Zhur. Fiz. Kim., 25, 1248 (1951).  
M. Kolotyrkin.
- 7 - N.J. Bune and Ya. M. : Doklady. Acad. Nauk.  
Kolotyrkin. U.S.S.R., 100, 295 (1955).
- 8 - Ya. M. Kolotyrkin and : Zhur. Fiz. Kim., 29, 436 (1955).  
N.J. Bune.
- 9 - Ya. M. Kolotyrkin : Trans. Faraday Soc., 51, 455 (1955).
- 10- Ya. M. Kolotyrkin and : Zhur. Fiz. Kim., 29, 1477 (1955).  
L.A. Medvedeva.
- 11- V.V. Losev and A.I. : Doklady. Acad. Nauk., U.S.S.R.,  
Molodeva. 130, 111 (1960).
- 12- Ya. M. Kolotyrkin. : J. Electrochem. Soc., 108, 209  
(1961).

- 13- J. Hyrovsky : Discussion, Faraday Soc., I, 212 (1947).
- 14- Ibid. : Z. Elektrochem., 59, 812 (1947).
- 15- J. Raudles and K. Semerton. : Trans. Faraday Soc., 48, 937 (1952).
- 16- H. Gerischer : Z. Phys. Chem., 202, 292 (1953).
- 17- A.G. Stromborg : Zhur. Fiz. Kim., 31, 1304 (1957).
- 18- G. Wolpret : Z. Phys. Chem., A. 151, 219 (1931).
- 19- A.Z Iofa and I.M. Medovedeva. : Doklady Acad. Nauk. U.S.S.R., 69., 213 (1949).
- 20- Jua-Dao-Din, Shen : Ibid., 130, 129 (1960).  
Sin-Su, Z.A. Iofa and  
E.L. Michailova.
- 21- A.M. Frumkin. : J. Electrochem. Soc., 107, 491 (1960).
- 22- W. J. Muller : Die Bedeckungstheorie d. Passivitat d. Metalle. Velag Chemie.
- 23- K. V. Vetter. : Elecktrochem. Kinetik. Springer Berlin (1961).
- 24- T. Erdy-Gruz. : Kinetics of Electrode Prozesses Akademia Kiendo, Budapest (1972).
- 25- H.I. Bartlett and L. Stephenson. : J. Electrochem. Soc., 99, 504 (1952).

- 26- M. M. Froment, M. : C.R., 235, 2529 (1961).  
Keddam and P. Morell
- 27- W.H. Baur. : Acta Crystallogr., 17, 1167 (1964).
- 28- C.W.T. Pistorius : Bull. Soc. Chem. Belge, 69, 570  
(1960).
- 29- J. Mileuch and S. : Electrochem. Acta, 11, 1709 (1966).  
Olszewsky
- 30- G.V. Golovizn, G.M. : Zashita Metallov, 2, 41 (1966).  
Floriznovich and M.  
Ya. M. Kolotyrkin.
- 31- G.M. Floriznovich, L.A. : Electrochem. Acta, 12, 879 (1967).  
Sokolova and Ya. M.  
Kolotyrkin.
- 32- L.M. Al-Shama, J. : Corros. Sci., 27 (3), 221 (1987).  
M. Saleh and N.D.  
Hikmat.
- 33- T.N. Morris and : Dept. Sci. Ind. Research (Brit.)  
J.M. Bryan Food Invest. Special Rept. No. 44,  
pp. 54, (1936).
- 34- R.T. Davis and T.J. : J. Electrochem. Soc., 105, 563  
Butter. (1958).
- 35- T.N. Morris : J. Soc. Chem. Ind., 54, 7-13T (1935).
- 36- Ibid. : Dept. Sci. Ind. Research Rept.  
Food Invest. Board 170 (1932-1933).



- 47- H. Konno and M. Nagayama : In passivity of Metals (Edited by R.P. Frankenthal and J. Kruger), p. 585. The Electrochem. Soc. Monograph Series, Princeton, New Jersey (1978).
- 48- K. Ogura and N. Sato : Electrochem. Acta, 25, 857 (1980).
- 49- Z. Szklaska-Smialowska and W. Kozłowski. : J. Electrochem. Soc., 131, 499 (1984).
- 50- A.J., Salkind, C.N. Venuto and S.U. Falk. : J. Electrochem. Soc., 111, 493, (1964).
- 51- S. Asakura and K. Nobe. : Ibid., 118, 536 (1971).
- 52- A.M. Sukhotin and K.M. Kartashova : Corros. Sci., 5, 393 (1965).
- 53- J.E.O. Mayne, J.W. Menter and M.J. Pryor : J. Chem. Soc., 3229 (1950).
- 54- J.E.O. Mayne and J.W. Menter : J. Chem. Soc., 99 (1954).
- 55- C.L. Foley, J. Kruger and C.J. Brechtoldt : J. Electrochem. Soc., 114, 994 (1967).

- 56- A.P. Pyankova and Z.A. Iofa : *Elektrokhimiya*, **10**, 1344 (1974).
- 57- Y. Geronov, T. Tomov and S. Georgiev : *J. Appl. Electrochem.*, **5**, 351 (1975).
- 58- R.D. Armstrong and I. Baurhoo : *J. Electroanal. Chem.*, **40**, 325 (1972).
- 59- D.D. Macdonald and D. Owen : *J. Electrochem. Soc.* **12C**, 317 (1973).
- 60- D.D. Macdonald : *In Modern Aspects of Electrochemistry*, **11**, Chp. 4. Plenum Press, New York (1975).
- 61- G.J. Bignold, R. Garnsey and G.M.W. Mann. : *Corros. Sci.*, **12**, 325 (1972).
- 62- G.J. Bignold : *Ibid.*, **12**, 145 (1972).
- 63- M.C. Bloom, M. Krulfeld, W.A. Frazer and P.N. Vlannes. : *Corrosion*, **13**, 297 (1957).
- 64- M.C. Bloom and M. Krulfeld : *J. Electrochem. Soc.*, **104**, 264 (1957).
- 65- J.E. Castel and G.M.W. Mann : *Corros. Sci.*, **6**, 253 (1966).

- 66- D.D. Macdonald : *Electrochem. Acta*, **23**, 557  
and B. Roberts (1978).
- 67- A.G. Wikjord, F.E. : *Corros. Sci.*, **20**, 651 (1980).  
Doern and D.G.  
Owen.
- 68- D.W. Shoesmith, : *Electrochem. Acta*, **23**, 1329  
M.G. Baley and  
B. Ikeda (1978).
- 69- *Ibid.* : *Ibid.*, **23**, 903 (1978).
- 70- R.C. Salvarezza, H.A. : *Corros. Sci.*, **22** (9), 815 (1982).  
Videla and A. J.  
Arvia.
- 71- C.F. Bonilla : *Trans. Electrochem. Soc.*, **87**,  
237 (1945).
- 72- G. Butler and H.C.K. : *J. Appl. Chem.*, **10**, 80 (1960).  
Ison.
- 73- M.F. Obrecht and : *J. Am. Water Works Assoc.* **59**,  
M. Pourbaix. 977 (1967).
- 74- H.H. Uhlig, D. : *J. Electrochem. Soc.*, **102**, 59  
Traidis and M.  
Stern. (1955).
- 75- U.R. Evans : "The Corrosion and Oxidation  
of metals", p. 87, Arnold, London  
(1971).

- 76- G.K. Glass : Corros. Sci., 26 (6), 441 (1986).
- 77- A. Bonnel and F. : J. Electrochem. Soc., 130 (4),  
Dabosi. 753 (1983).
- 78- M. Nagayama and : J. Electrochem. Soc., 110 (6),  
M. Cohen. 670 (1963).
- 79- K. Ogura and N. : The 4th Inter. Symposium on  
Sato Passivity, (1977).
- 80- K. Ogura and N. : J. Electrochem. Soc., 120, 1638  
Hackerman (1973).
- 81- Ibid. : Ibid., 121, 1013 (1974).
- 82- Ibid. : Proc. Inter. Conf. on Metall.  
Corrosion 5th, 206 (1974).
- 83- Z. Szklarska- : Corros. Sci., 16, 649, (1976).  
Smialowska, H.  
Viefhaus and M.  
Janic-Czachor.
- 84- M. Seo, N. Sato, : Ibid., 17, 209 (1977).  
J.B. Lumsden and  
R.H. Saehle.
- 85- G.L. Riggs : Corrosion, 20, 275t (1964).
- 86- M. Nagayama and : J. Electrochem. Soc., 109, 781  
M. Cohen (1962).
- 87- N. Sato, K. Kuda : J. Electrochem. Acta, 16, 1909  
and T. Noda (1971).

- 88- M. Cohen, D. Mitchell and K. Hashimoto. : J. Electrochem. Soc., 126 (3), 442 (1979).
- 89- N. Sato and G. Okamoto : In "Comprehensive Treatise of Electrochemistry". Vol.4, J.O'M. Bockris, B.E. Conway, E. Yeager and R.E. White, Editors, p. 193, Plenum Press, New York, (1981).
- 90- R.P. Frankenthal and J. Kruger. : in "Passivity of Metals" Electrochemical Society Corrosion Monographs Series, Princeton, NJ (1978).
- 91- K. Kuroda, B.D. Cahan Gh. Nazri, E. Yeager and T.E. Mitchell. : J. Electrochem. Soc., 129, 2163 (1982).
- 92- C. Wagner : Ber. Bunsenges. Phys. Chem., 77, 1090 (1973).
- 93- J.W. Schultze : in "Passivity of Metals", R. P. Frankenthal and J. Kruger, Editors, Electrochemical, Society Corrosion Monographs Series, Princeton, NJ (1978).
- 94- S.C. Tjong and E. Yeager : J. Electrochem. Soc., 128, 2251 (1981).

- 95- H.T. Yolken, J. : Corros. Sci., 8, 103 (1968).  
Kruger and J.P.  
Calvert
- 96- W.E.O Grady and : Surf. Sci., 38, 249 (1970).  
J.O' M. Bockris.
- 97- G. Okamoto and : Corros. Sci., 10, 731 (1970).  
T. Shibata.
- 98- G. Okamoto : Ibid., 13, 471 (1973).
- 99- R.W. Revie, B.G. : J. Electrochem. Soc., 122, 1460  
Baker and T.O'M. (1975).  
Bockris.
- 100- O.J. Murphy, : Ibid., 130, 1792 (1983).  
J.O' M. Bockris ,  
T.E. Bu, L.L.  
Tongson and M.D.  
Monkowski.
- 101- M. Cohen : Ibid., 110, 11 (1963).
- 102- J. M. Sarver and : in "Equilibrium Diagrams; Loca-  
Z. Szklarska - lized Corrosion" R.P. Frankenthal  
Smialowska. and J. Kruger, Editors, p. 357,  
The Electrochemical Society  
Softbound Proceedings Series,  
Pennington, NJ (1984).
- 103- Z. Szklarska- : J. Electrochem. Soc., 131, 234  
Smialowska and (1984).  
W.Kozlowski.

- 104- **M. Sakashita and N. Sato** : *Boshoku Gijutsu*, **24**, 67 (1975).
- 105- **Ibid.** : *J. Electroanal. Chem.*, **62**, 127 (1975).
- 106- **Ibid.** : *Boshoku Gijutsu*, **25**, 3(1976).
- 107- **Ibid.** : *Ibid.*, **28**, 450 (1979).
- 108- **Ibid.** : *Corrosion*, **35**, 351 (1979).
- 109- **Y. Yomura, M. Sakashita and N. Sato.** : *Boshoku Gijutsu*, **28**, 64 (1979).
- 110- **M. Sakashita and N. Sato.** : *Corros. Sci.*, **17**, 64 (1977).
- 111- **M.A. Streicher** : *J. Electrochem. Soc.*, **103**, 375 (1956).
- 112- **Ya. M. Kolotyrkin** : *Corrosion*, **19**, 261t (1963).
- 113- **U.R. Evans** : *J. Chem. Soc. London*, 1020 (1927).
- 114- **H. H. Uhlig** : *Trans. Am. Inst. Min. Metallurgy; Engr.*, **140**, 422 (1940). *Corrosion Hand Book* p. 167. John Wiley, Sons. Inc. (1948).
- 115- **L.V. Vaniukova** : *Proc. Acad. Sci., U.S.S.R.*, **59**, 917 (1948).

- 116- E.F. Baerlecken : Stahl U. Eisen, **60**, 210 (1940).  
and H. Hangardy
- 117- C. Carius : Werkst. Korros. **6**, 246 (1955).
- 118- N.D. Tomashov and : The Investigation of Metallic  
V.N. Modestova Corrosion p. 75 Acad. Sci.  
U.S.S.R. (1951).
- 119- S. Marioka and K. : J. Electrochem. Soc., Japan, **24**,  
Sakijama. N4E, S. 42 (1957).
- 120- B.R. MacDougall : J. Electrochem. Soc. **126**, 919  
(1979).
- 121- J.R. Galvele : in "Passivity of Metals", R.P.  
Frankenthal and J. Kruger,  
Editors, p. 285, The electro-  
chemical Society, Princeton, NJ.  
(1978).
- 122- G.C. Wood, W.H. : "Localized Corrosion", p. 526,  
Sutton, J.A. NACE (1974).  
Rishardson and  
T.N. Riley.
- 123- M. Janik-Czachor : J. Electrochem. Soc., **128** (12),  
513 c (1981).
- 124- J.R. Galvele : Ibid., **123** (4), 464 (1976).
- 125- S.B. de Wexler and : Ibid, 121, 1272 (1974).  
J.R. Galvele.
- 126- H.H. Strehblow : Thesis, Berlin (1971).

- 127- G.L. MoBee and K. Kruger : Int. Corros. Conf. Ser. (1971)  
[Pub. (1974) NACE-3 , localized  
Corros.] 25, 52-60.
- 128- A. Broli, H. Holten and T.B. Andeassen : Werkst. Korros., 27 (7), 497  
(1976).
- 129- Ciolac and Sultana : Rev. Rom. Chem. 20 (8), 1057  
(1975).
- 130- H.E. Heusler and L. Fischer : Werkst. Korros., 27, 551 (1976).
- 131- H.J. Engell and N.D. Stolica : Z. Phys. Chem. NF, 20, 113  
(1959).
- 132- N. Sato : J. Electrochem. Soc., 129 (2),  
260 (1982).
- 133- T. Okada : Ibid., 132(3), 537 (1985).
- 134- H. Oranowska and Z. Szklarska - Smilowska : Corros. Sci., 21, 735 (1981).
- 135- M.G. Alvarez and J.R. Galvele : Ibid., 24, 27 (1984).
- 136- M.A.C. deCastro and B.E. Wilde : Ibid., 19, 923 (1979).
- 137- V.D.V. Moll, C.A. Acosta, R.C. Salvarezza, H.A. Videla and A.J. Arvia : Ibid., 25 (4), 239 (1985).

- 138- K. Ogura and T. Ohama : Corrosion, 37, 569 (1981).
- 139- J. Vera, S. Kapusta and N. Hackerman. : J. Electrochem. Soc., 133 (3) 461 (1986).
- 140- V.D.V. Moll, R.C. Salvarezza, H.A. Videla and J.A. Arvia. : Corros. Sci., 24 (9), 751 (1984).
- 141- R.C. Salvarezza, H.A. Videla and J.R. Arvia. : Ibid., 22, 815 (1982).
- 142- T. Kodama : Proc. Fifth Int. Congr. Metallic Corros. p. 223. NACE Houston (1975).
- 143- D.W. Shoesmith, M.G. Baley and B. Ikeda : Electrochem. Acta, 23, 1329 (1978).
- 144- S.B. Maldonado and P.J. Bonden : Proc. VIII International Congress on Metallic Corrosion. Mainz (1982).
- 145- G.C. Pini and R. Calvillo : Werkst. Korros., 29, 603 (1978).
- 146- R.C. Newman, H.S. Isaacs and B. Alman. : Corrosion, 38, 261 (1982).

- 147- H.H. Uhlig : "Corrosion and Corrosion Control"  
2nd Edn. John Wiley, New  
York (1963).
- 148- N. Hackerman and : 1st. International Congress on  
H. Hurd. Metallic Corrosion, Butterworths  
London, p. 166-172 (1962).
- 149- H.H. Uhlig. : Z. Electrochem., 62, 625 (1958).
- 150- E.I. Chappel, B.E. : Ind. Eng. Chem. 20582 (1937).  
Roetheli and B.H.  
Mccarty.
- 151- N. Hackerman and : J. Phys. Chem., 53, 26 (1949).  
H. R. Schmidt
- 152- J.C. Warner : Trans. Electrochem. Soc., 25,  
287 (1929).
- 173- Thiel and C. : Z. Phys. Chem., A. 170, 467  
Kayser (1943).
- 154- H. Pirak and W. : Korros. Met., 10, 29 (1934).  
Wenzel
- 155- E.J. Jenckel and : Z. Anorg. Allgen. Chem., 221,  
E. Brauker 249 (1934).
- 156- G. Lejeune : Compt. Rend., 199, 1396 (1934).
- 157- H. Murner : Trans. Electrochem. Soc., 69,  
185 (1936).

- 158- E. Jimeno : J. Grifoll and F.R. Morall,  
Trans. Electrochem. Soc., 69,  
105 (1936).
- 159- G.A. Mann : Trans. Electrochem. Soc., 72,  
33 (1937).
- 160- N. Hackerman and : J. Electrochem. Soc., 97, 7911  
B.L. Look (1950).
- 161- V.A. Kauznetsov : J. Phys. Chem. U.S.S.R. 21, 210  
and Z.A. Iofa (1957).
- 162- L. Gavallero and : Att. Accad. Sci. Ferrara, 24, 1  
G. Bologensi (1946).
- 163- H. Kaesche and N. : J. Electrochem. Soc., 105, 191  
Hackerman (1958).
- 164- T. B. Hoar : Pittsburgh Inst. Con. on Surface  
Reactions, Pittsburgh, Co. p.  
127 (1948).
- 165- C.P. De. : Nature, 180, 803 (1957).
- 166- E.C. Aiazian : Doklady Acad. Nauk. U.S.S.  
R. 100, 473 (1955); Cited in  
C.A., 49, 11533 a (1955).
- 167- J.N. Putilove, S.A. : Metallic Corrosion Inhibitors"  
Balezin and V.P. Pergamon Press. Oxford p. 55  
Barannik (1960).

- 168- H.R. Baker : *Ind. Eng. Chem.*, **46**, 2592 (1954).
- 169- B. Donnelly, T.C. : *Corros. Sci.*, **18**, 109 (1978).  
Downie, R.  
Grzeskowiak, H.R.  
Hamburg and D.  
Short.
- 170- W. Suetaka : *Bull. Chem. Soc. Japan*, **37**,  
1121 (1964).
- 171- R.G. Pearson : *J. Am. Chem. Soc.*, **25**, 3533  
(1963).
- 172- B. Donnelly, T.C. : *Corros. Sci.*, **14**, 597 (1974).  
Downie, R.  
Grzeskowiak, H.R.  
Hamburg and D.  
Short.
- 173- J.W. Ryznar and : *U.S.2, 771, 417, Patented* ,  
W.H. Kirkpatrick. November, 20 (1956).
- 174- R.C. Ayers and N. : *J. Electrochem. Soc.*, **110**, 507  
Hackerman (1963).
- 175- N. Hackerman : "Europ. Symp. Corrosion Inhi-  
bitors" Ferrara, Italy pp. 99  
(1960).
- 176- N. Hackerman and : *Ind. Eng. Chem.*, **46**, 523 (1954).  
A.C. Makrides
- 177- *Ibid.* : *Ibid.*, **47**, 1773 (1955).

- 178- T.P. Hoar and R.D. Holliday. : J. Appl. Chem., 3, 502 (1953).
- 179- V.S. Agarwala and K.C. Tripathi. : Trans. Ind. Inst. Metals, 139 (1964).
- 180- B.G. Ateya, B.E. El-Anadouli and F. M. El-Nizamy. : Bull. Chem. Soc., Jap., 54, 3157 (1981).
- 181- J. Elze and H. Fisher : J. Electrochem. Soc., 99, 259 (1952).
- 182- K.C. Pillai and R. Narayan : Ibid., 125, 1393 (1978).
- 183- B.G. Ateya, B.E. El-Anadouli and F.M. El-Nizami. : Corros. Sci., 24 (6), 497 (1984).
- 184- G. J. Sutter : Austr. J. Chem., 16, 1137 (1963); 19, 2059 (1966); 24, 919 (1971).
- 185- W.S. McNeill : B.Sc. Project Thesis, Department of Chemistry, Newcastle-Up-on-Type Polytechnic (1972).
- 186- M.N. Desai and M.B. Desai. : Corros. Sci., 24 (8), 649 (1984).
- 187- M.N. Desai, M.B. Desai, C.B. Shah and S.M. Desai. : Ibid., 26 (10), 827 (1986).

- 188- M.I. Selim, A.A. : *Ibid.*, 17, 923 (1977).  
Yassin and B.G.  
Ateya.
- 189- M.A. Elmorsi, M.M. : *Surf. and Coat. Technol.*, 31  
Ghoneim, F.M. Issa 389 (1987).  
and E.M. Mabrouk.
- 190- A.A. Abdul Azim and : *Corros. Sci.*, 12, 313 (1972).  
S.M. Sanad
- 191- H.J. Gleary and N.D. : *Ibid.*, 9, 3 (1969).  
Greene
- 192- G.H. Damon : *Ind. Eng.*, 33, 67 (1941).
- 193- N.D. Greene and : *Corrosion*, 20, 29t (1964).  
G.A. Saltzman
- 194- D.N. Staicopolus : *J. Electrochem. Soc.*, 110, 1121  
(1963).
- 195- A.A. Demlyante and : *U.S.S.R. Kim. Technol (Minski)*,  
Ya. Ya. Ezua 12, 8-12 (1977).
- 196- E.J. Kelly : *J. Electrochem. Soc.*, 112, 124  
(1965).
- 197- M. stern : *Ibid.*, 102, 609 (1955).
- 198- V. K. Gouda, M.G.A. : *Corros. Sci.*, 7, 221 (1967).  
Kheder and A.M.  
Shams El-Din

- 199- A.M. Shams : *Ibid.*, **12**, 393 (1972).  
El-Din and M.G.A.  
Kheder
- 200- S.M. Abd El-Haleem : *Revue Roumaine deChemie*, **25**,  
and S.S. Abd 493 (1980).  
El-Rehim.
- 201- L.I. Antropov : "Theoretical Electrochemistry"  
Mir Publishers, Mossco, pp. 503  
(1972).
- 202- D.M. Brasher : *Nature Lond.* **193**, 868 (1962).
- 203- D.M. Brasher, J.G. : "Proc. 2<sup>nd</sup> Europ. Symp. Corro-  
Beynon, A.D. Mercer sion Inhibitors" Ferrara, Italy,  
and J.E.R. Brown pp. 61 (1965).
- 204- A.C. Makrides , N. : *J. Electrochem. Soc.*, **102**, 363  
M. Komodromos and (1955).  
N. Hackerman
- 205- J.C. Scully : "The Fundamental of Corrosion"  
2<sup>nd</sup> Edn. pp. 118, Pergamon  
Press (1975).
- 206- R.F. steigerward : *Corrosion*, **24**, 1 (1968).
- 207- Y. Lakhtin : "Engineering Physical Metallurgy"  
Mir Publishers Mossco (1971).
- 208- A.R. tourky, A.A. : *Corros. Sci.*, **5**, 301 (1965).  
Abdul Azim and M.  
M. Anwar.

- 209- A.R. Tourky, A.A. : *Ibid*, **8**, 857 (1968).  
Abdul Azim and  
S.H. Sanad.
- 210- A.A. Abdul Azim, M. : *Ibid.*, **9**, 405 (1969).  
M. Anwar and S.H.  
Sanad.
- 211- L.K. Dyall : *Austr. J. Chem.*, **17**, 491 (1964).
- 212- P.F. Cox, R.L. Every : *Corrosion*, **20**, 229t (1964).  
and O.L. Riggs.
- 213- E. Blomgren and : *J. Phys. Chem.*, **63**, 1475 (1959).  
J.O'M. Bockris
- 214- F.M. Donahue, A. : *J. Electrochem. Soc.*, **114**, 1006  
Akiyama and K. (1967).  
Nobe.
- 215- W.J. Lorenz : *Corros. Sci.*, **5**, 121 (1965).
- 216- I.A. Ammar, S. : *Electrochem. Acta*, **12**, 485  
Darwish and M. (1967).  
Etman
- 217- I.A. Ammar, S. : *Ibid.*, **12**, 657 (1967).  
Darwish and M.W.  
Kholil
- 218- A.A. Abdul Azim and : *Corros. Sci.*, **12**, 337 (1972).  
S.H. Sanad
- 219- I. Epelboin, P. Morel : *J. Electrochem. Soc.*, **118**, 1282  
and H. Tokenouti (1971).

- 220- E. McCafferty and : J. Phys. Chem., **71**, 2452 (1967).  
A.Z. Zettelemyer
- 221- P.J. Hillson and : Proc. Roy. Soc. (London), **A199**,  
E.K. Rideal 295 (1949).
- 222- L.J. Antropov. : "Proceedings of the 1st Inter-  
national Congress on Metallic  
Corrosion" p. 147 Butterworths  
& Co., London (1967).
- 223- L. Felloni : Corros. Sci., **8**, 133 (1968).
- 224- J.J. Podesta and : Electrochem. Acta, **10**, 171  
A.J. Arvia (1965).
- 225- J.O'M. Bockris : Electrochem. Acta, **6**, 325  
D. Drazic and (1961).  
R. Despic
- 226- R.J. Chin and : J. Electrochem. Soc., **119**, 1457  
K. Nobe (1972).
- 227- C. Herbselb and : Z. Electrochem., **65**, 881 (1961).  
H.J. Engell
- 228- R.C. Williamson and : Corros. Sci., **4**, 221 (1964).  
J.G. Hines
- 229- N. Sato and M. : J. Electrochem. Soc., **111**, 512  
Cohen (1964).
- 230- M. Nagayama and : Toronto Symp. 62 (1962).  
M. Cohen.

- 231- C.D. Stochbridge, : J. Electrochem. Soc., 108, 926  
P.B. Sewell and M. (1961).  
Cohen.
- 232- A.D. Mercer and : "Proc. 3rd. Europ. Symp. Corro-  
J.C.N. Thomas sion Inhibitors", Ferrara, Italy,  
pp. 777 (1970).
- 233- T. Tsuru and S. : Corros. Sci., 16, 623 (1976).  
Haryama
- 234- J.O'M. Bockris, M. : Electrochem. Acta, 16, 1859  
A. Genshow, V. (1971).  
Brusic and H.  
Wroblowa.
- 235- N. Sato, K. Kuda and : J. Electrochem. Soc., 123, 1419  
R. Nishimura (1976).
- 236- W.J. Lorenz, F. : Proc. 5th. Inter. Congs. Metall  
Ltibert, Y. Miyeshi Corros., (Tokyo) pp. 74 (1972).  
and C. Eichkorn
- 237- F.M. Abd El-Wahab : Br. Corros. J. 13, 39 (1978).  
and A.M. Shams  
El-Din
- 238- T. Markoric : Werkst-Korros., 15, 543 (1964).

- 239- H. Oswin and M. Cohen : J. Electrochem. Soc., **104**, 9 (1957).
- 240- C. Herbselb and H.J. Engell : Z. Phys. Chem. **215**, 167 (1960).
- 241- N.D. Greene and J. Judd : Corrosion **24**, 15 (1968).
- 242- S.M. Abd El Haleem : Br. Corros. J., **11**, 215 (1976).
- 243- N.J. Cleary and N.D. Greene : Printed from Corrosion Research Laboratory, Rensselaer, Polytechnique Institute, Troy, N. Y. (March 1967).
- 244- V.P. Grigoriev : 4th Eur. Symp. Corrosion Inhibitors, Ferrara, p. 369 (1975).
- 245- A.A. El-Miligy, D. Geana and W.J. Lorenz : Electrochem. Acta, **20**, 273 (1975).
- 246- F.M. Donahue, A. Akiyama and K. Nobe. : J. Electrochem. Soc., **114**, 1012 (1967).