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REFERENCES

- (1) Gladstone, F. H.; "Notting Hill in Bygone Days", 1924.
- (2) Plan of Parish of Hammersmith, 1895.
- (3) Faulkner; "History of Hammersmith", 1839.
- (4) Parsons, R. H.; "Early Days of the Power Station Industry", 1939, pp. 92-96.
- (5) The Electrical Review, Vol. 48, Nos. 1230,1231, 21st and 28th June 1901.
- (6) Williams, David; "Diamond Jubilee of the Con Edison Underground Cable", p. 7.
- (7) The Electrical Review, Vol. 62, No. 1,592, 29th May 1908.
- (8) The Story of Callender's 1881-1932. (Company publication).
- (9) Hunter, P. V., and Temple-Hazell, J.; "Development of Power Cables", Newnes, 1956.
- (10) "History of the Rubber Industry", I.R.L, 1952.
- (11) Hunter Memorial Lecture - Presented at the Ordinary Meeting of the I.E.E. on 8th January 1959.
- (12) Hollingsworth, D. T.; "British Developments in Cable Manufacture",
Electrical Times, July/August 1954.
- (13) Stretton Smith, F.; "High Voltage Testing with Direct Current",
The Electrical Power Engineer, May and June 1937.
- (14) Record, O. L.; "The Testing of Underground Cable with Continuous Current",
Journal L.E.E., 1916, Vol. 54, p. 608.
- (15) MeIsom, S. W., and Booth, H. C.; "Efficiency of End Connections and Short
Period Rating of Large Current Shunts", Journal L.E.E., 1925, Vol. 63, P. 299.
- (16) Hunter, P. V., and Watson, J. P.; "Dielectric Disturbances Arising in
Supertension Multicore Cables from the Thermal Expansion of Conductors",
International Conference on Large Electrical Systems, 1929, Paper 39.
- (17) Electrical Times, 24th June 1937, p. 922.
- (18) Electrical Times, June 1937.
- (19) Electrical Times, 18th November 1937, p. 679.
- (20) Electrical Times, 7th December 1938, p. 592 (photograph included).
- (21) "The Secret War" by Gerald Pawle, pp. 19-25.
Reprinted by permission of Transworld Publishers Ltd. (Corgi Books).
- (22) BICC Publication No. 202, "Buoyant Cables", January 1946.
Reprinted from Electrical Industries, August 1945.

BIBLIOGRAPHY, 1931-1983

1931

- Brazier, L. G.; "Dielectric Loss Angle Measurements of Multicore H.T. Cables with Special Reference to the Schering Bridge",
J. Inst. Elec. Engrs., 1931,69,983.
- Urmston, J.; "The Electrical High Pressure Testing of Cables and Localisation of Faults", J. Inst. Elec. Engrs., 1931,69,757.

1935

- Brazier, L. G.; "The Breakdown of Cables by Thermal Instability",
J. Inst. Elec. Engrs., 1935,77, 10.
- Robinson, D. M.; "The Breakdown Mechanisms of Impregnated Paper Cables",
J. Inst. Elec. Engrs., 1935,77,90.

1936

- Arman, A. N., and Starr, A. T.; "The Measurement of Discharges in Dielectrics",
J. Inst. Elec. Engrs., 1936, 79, 67.
- Robinson, D. M.; "Dielectric Phenomena in High Voltage Cables",
London: Chapman and Hall, 1936.

1937

- Arman, A. N.; "The Gas Impregnated Cable", J. Inst. Elec. Engrs., 1937,81,625.
- Brazier, L. G., and Hunter, P. V. ; "The Compound Impregnated Pressure Cable",
Electrical Times, 1937,91,769,838.
- Smith, F. S.; "High Voltage Testing with Direct Current",
Elect. Power Engng., 1937 (May, June).

1938

- Metcalf, A. W.; "Criteria of Severity in the Short Circuit Testing of Fuses",
BEAMA Journal, 1938 (August).

1939

- Brazier, L. G.; "High Voltage Pressure Type Cables", Electrotech, 1939 (April, May).
- Metcalf, A. W.; "A New Fuse Phenomenon", BEAMA Journal, 1939 (April, May).
- Starr, A. T., and Gooding, H. T.; "Localisation of Flashing Faults in Cables",
J. Inst. Elec. Engrs., 1939,84,699.

Bibliography

1946

- Brazier, I. G.; "Semi-Conducting Porcelain Glazes",
Electrical Industries, 1946 (October).
- Brazier, L. G., Hunter, P. V., and Dunsheath, P.; "Factors in the Design of Gas Pressure Cables for High Voltage", CIGRE 1946, Paper 204.
- Brazier, I. G.; "Underground Transmission by Means of a Three Core 132 kV Impregnated Pressure Cable", CIGRE 1946, Paper 212.
- Brazier, I. G.; "Joints, Sealing Ends and Accessories for Pressure Cable",
I. Inst. Elec. Engrs., 1946,93,11,415.

1947

- Brazier, L. G.; "Impregnated Pressure Cable", British Export 1.,1947 (July).
- Brazier, L. G., and Oakshott, D. F., "Surge Testing of Cables",
Elec. Times, 1947, 112,231,265.
- Keefe, E. J., and Ezard, G.; "The Faraday Cage",
Electrical Industries, 1947 (September).
- Sos, F.; "The Chemistry of Silicones", Rubber Age, 1947, 28, 24Q.

1948

- Brazier, L. G.; "Modern Developments in High Voltage Cable Design and Practice with Special Reference to Impregnated Pressure Cable",
Trans. South African Inst. Elec. Engrs., 1948,39,44. Hasler, E. F.; "A New Type of Surge Counter", Electrical Industries 1948 (September). Hawley, W. G., and Kitchin, F. B.; "Surge Protection by Means of Capacitors",
Railway Gazette, 1948 (February).
- Keefe, E. J., and Wilson, L. B.; "New Method of Welding Aluminium Alloys",
Welding, 1948 (March),
- Latin, A.; "Pressure and Creep tests at Constant Hoop Stress on Lead and Alloy 'E' Pipes", I. Inst. Metals, 1948, 74, 259.

1950

- Black, R. M.; "The Deterioration of Antimony and Tin in Cable Sheathing Alloys",
Analyst, 1950,75, 166.
- Hancock, D. C.; "Plastics in Cable Manufacture", British Plastics, 1950 (October). Latin, A.; "Metallurgical Examination of Lead and Lead Alloy Pressure Cable Sheaths",
Engineering, 1950 (11th August).
- Pross, A. W., and Black, R. M.; "The Photocatalysed Oxidation of Polythene",
J. Soc. Chem. Ind., 195069, 113.

1951

- Black, K. M.; "The Determination of Lead Oxide in the Presence of Lead",
Analyst, 1951, 76, 208.

Bibliography

1952

Black, R. M.; "The Determination of Cadmium in Cable Sheathing Alloys by a Direct Titration Method", *Analyst*, 1952, 77, 148.

Hipperson, A. J. and Keefe, E. J.; "The Jointing of Copper Base Alloys by Resistance Welding", *Metal Industry*, 1952 (April),

1953

Brazier, L. G., Hollingsworth, D. T., and Williams, A. L.; "An Assessment of the Impregnated Pressure Cable", *Proc. Inst. Elec. Engrs.*, 1953, 100, II, 641.

Latin, A.; "Some Observations on Creep and Fracture from Investigations on Lead Cable Sheath Alloys", *J. Inst. Metals*, 1953, 81, 529.

1954

Hall, H. C.; "A Technique for Investigating the Electrical Properties of Oil. Impregnated Paper", *Proc. Inst. Elec. Engrs.*, 1954, 101, II, 213.

Hall, H. C., and Russek, R. M.; "Discharge Inception and Extinction in Dielectric Voids", *Proc. Inst. Elec. Engrs.*, 1954, 101, II, 47.

Hollingsworth, D. T.; "British Developments in Cable Manufacture", *Electrical Times*, 1954 (July / August).

1955

Black, R. M., Alexander, P., and Charlesby, A.; "Radiation Induced Changes in the Structure of Polyisobutylene", *Proc. Royal Society*, 1955, 232A, 31.

Brazier, L. G.; "Power Transmission by Insulated Cable", *Engineering Journal (Canada)*, 1955, 38, 933.

Burger, F. J., Tull, V. F. G., and Harris, P. H.; "Tunnel Etching of Aluminium", *Bull. Inst. Metals*, 1955, 3, 6.

Bibliography

1956

- Black, R. M.; "[the Effect of Temperature upon the Crosslinking of Polyethylene by High Energy Radiation", *Nature (London)*, 1956, 178, 305.
- Black, R. M.; "Irradiation Laboratory of the BICC Research Organization", *Nature (London)*, 1956, 178, 1370.
- Davies, R. L.; "Cables and Wires - BICC Research", *Corrosion Technology*, 1956 (June).
- Davies, R. L., and Coles, E. L.; "Phenol Corrosion", *Chemistry and Industry*, 1956 (6th and 27th October).
- Hall, H. C., and Kelk, E.; "Physical Properties and Impulse Strength of Paper", *Proc. Inst. Elec. Engrs.*, 1956, 103A, 564.
- Hall, H. C., and Skipper, D. J.; "The Impulse Strength of Lapped Impregnated Paper Dielectric", *Proc. Inst. Elec. Engrs.*, 1956, 103A, 571.
- Hinde, R. M.; "A Simple Scanning Mechanism for X-Ray Diffraction", *J. Scientific Instruments*, 1956, 33, 391.
- King, W. T.; "Underground Decomposition of Cellulosic Textiles", *Chemistry and Industry*, 1956.
- Pilpel, N.; "The Sizes of Molecules Adsorbed at the Benzene-Water Interface", *J. Colloid Science*, 1956, 11, 51.
- Rogers, E. C., Harriss, V. G., and Page, E. B.; "A Servo-Mechanism for the Study of Self-Extinction of Gaseous Discharges in Cavities in Dielectrics", *J. Scientific Instruments*, 1956, 33, 7.
- Rose, H. E., and Langmaid, R.; "A Criterion for Arching in a Non-Cohesive Powder", *J. Inst. Fuel*, 1956.
- Tester, D. A.; "The Sorption of Water by Rubber", *J. Polymer Science*, 1956 (March).

1957

- Black, R. M.; "The Irradiation of Polythene Cables", *Electrical Manufacturer*, 1957, 2 (5), 19.
- Black, R. M., and Lyons, B. J.; "The Effect of High Energy Radiation on Polypropylene", *Nature (London)*, 1957, 180, 1346.
- Bailey, J. C., and Gregory, P.; "Fundamentals of Jointing Processes for Aluminium", *Symposium on Aluminium in Electrical Engineering*, 1957.
- Hinde, K. M., and Kellett, E. A.; "The Crystal Structure of Thallous Nitrate", *Acta Crystallographica*, 1957, 10, 383.
- Langmaid, K., and Rose, H. E.; "Arch Formation in a Non-Cohesive Granular Material", *J. Inst. Fuel*, 1957, 30, 166.
- Langmaid, R., and Rose, H. E.; "A Method of Investigation of the Stress Distribution in Granular Materials", *Nature (London)*, 1957, 179, 729.
- Latin, A.; "Metallurgical Considerations in the Use of Aluminium for Cable Sheathing", *Metallurgia*, 1957 (October *IN* ovember).
- Rose, H. E., and Langmaid, R.; "Separation of Particle Materials into Size Ranges", *Nature (London)*, 1956, 178, 485.
- Wills, G. B.; "Beta Ray Thickness Gauge for Measurement of Galvanising Thickness", *Engineering*, 1957 (December).

Bibliography

1958

- Black, R. M.; "Electron Irradiation of Polythene",
Nuclear Energy Engineer, 1958 (September).
- Black, R. M.; "Double Bend Fermation in Paraffinic Hydrecarbens on Expesure to
lenising Radiatien", J. Applied Chemistry, 1958,8, 159.
- Celes, E. L., Gibsen, F. G., and Hinde, R. M.; "The Cerrosien ef Lead by Dilute
Aqueeus Organic Acids", J. Applied Chemistry, 1958,8, 341.
- Rogers, E. C.; "The Self -Extinction ef Gaseeus Discharges in Cavities in Dielectrics",
Prec. Inst. Elec. Engrs., 1958, I05A, 621.

1959

- Black, R. M.; "Some Aspects ef the Radiation Curing of Rubber and Plastics",
Prec. Inst. Rubber and Plastics, 1959,6,45.
- Black, R. M.; "Cable and Electrical Insulation",
Ann. Reports Progress of Rubber Technology, 1959, 23, 80.
- Black, R. M., and Charles by , A.; "The Oxidation ef Irradiated Pe1yethylene 1. Radie
Oxidation", Intl. J. Applied Radiation and Isotopes, 1959,7, 126.
- Black, R. M., and Charlesby, A.; "The Oxidation of Irradiated Po1yethylene n.
Thermal Oxidation",
Intl. J. Applied Radiation and Isotopes, 1959, 7, 134.
- Black, R. M., and Lyons, B. J.; "Radiation induced Changes in the Structure of
Po1ypropylene", Prec. Royal Society, 1959, 253A. 322.
- Brazier, L. G., Sporing, P. A., and Birks, I. B.; "Capacitor Deve1pment in Great
Britain", Engineering J., 1959,42 (6), 53.
- Ginsburg, K. M., Weeds, R. I. G., and Gregory, P.; "A Method of Electropolishing
Dilute Alleys of Lead", Metallurgia, 1959 (October).
- Graneau, P.; "The Effect of Sample Movement in Fault Detectien using Eddy Currents",
Proc. Inst. Elec. Engrs., 1959, I06B, 417.
- Hinde, R. M., Kellett, E. A., and Harris, P. H.; "Sealing ef Aluminium Oxide Anedic
Films", Nature (Lenden), 1959, 183,39.
- Ritchie, J., Gregory, P., and Bangay, A. J.; "Improvements in Belted Jeint Efficiency
by the Addition of a Cold Setting Resin Mixture",
Structural Engineer, 1959 (June).

Bibliography

1960

- Black, R. M.; "Cables and Electrical Installation",
Ann. Reports Progress of Rubber Technology, 1960, 24, 90.
- Black, R. M., and Charlesby, A.; "Irradiated Polymers",
Progress in Dielectrics (Ed. Birks), London: Haward, 1960,2, 78.
- Graneau, P., "Coupled Circuit Theory for Electromagnetic Testing",
Progress in Non-Destructive Testing, London: Haward, 1960, 3.
- Graneau, P., and Swann, S. A.; "Electromagnetic Fault Detection on Non-Ferrous Pipes", J. Electronics and Control, 1960,8, 2.
- Lyons, B. J.; "Effects of High Energy Radiation on Mixtures of Vinyl or Related Polymers with Unsaturated Compounds", Nature (London), 1960, 185,694.
- Pilpel, N., and Reynolds, E. H.; "Hydrocarbon Insulating Oils",
Modern Dielectric Materials (Ed. Birks), London: Heywood, 1960.
- Rogers, E. C., and Skipper, D. J.; "Gaseous Discharge Phenomena in High Voltage D.C. Cable Dielectrics", Proc. Inst. Elec. Engrs., 1960, 107A, 33.

1961

- Black, R. M.; "Irradiation of Polymeric Materials",
Txans. Plastics Institute, 1961,29,98.
- Black, R. M.; "Cables and Electrical Insulation",
Ann. Reports Progress in Rubber Technology, 1961,25,89.
- Black, R. M.; "Applied Radiation Chemistry",
Reports on Progress of Applied Chemistry, 1961, 46, 28.
- Farr, D. S., Hall, H. C., and Williams, A. L.; "A Dynamic Model for Studying the Behaviour of the Overhead Equipment used in Electric Railway Traction", Proc. Inst. Elec. Engrs., 1961, 108A, 421.
- Graneau, P.; "Frequency Dependence of Induced Currents",
J. Electronics and Control, 1961, 10, 53.
- Graneau, P.; "Induced Currents in a Moving Cylindrical Shell",
J. Electronics and Control, 1961, 11, 53.
- Reynolds, E. H., and Rogers, E. C.; "Discharge Damage and Failure in 11 kV belted Cables", South African Inst. Elec. Engrs., 1961, 52, 563.
- Williams, A. L., "Railway Traction Model", Electrical Review, 1961 (March), 563.

Bibliography

1962

- Black, K. M.; "Cables and Electrical Insulation",
Ann. Reports Progress in Rubber Technology, 1962, 26, 88.
- Bonikowski, Z.; "An Efficient D.C. Servo-Amplifier",
J. Electronics and Control, 1962, 13,443.
- Brazier, I. G., and Williams, A. I.; "Transmission and Distribution at 66 kV and Over:
Overhead Lines and Cables. A Review of Progress",
Proc. Inst. Elec. Engrs., 1962, 109A, 181.
- Crook, M. A., and Lyons, B. I.; "Gel Formation in Polyvinyl Chloride on Irradiation",
Nature (London), 1962, 194, 734.
- ffitch, K. W., and Graneau, P.; "Non-Destructive Pinhole Testing of Enamelled Wire by
a Corona Method", Proc. Inst. Elec. Engrs., 1962, 109A, Suppl. 3,22.
- Graneau, P.; "The Measurement of Electrical Conductivity in Metals Research",
Materials Research, 1962, I, 17.
- Graneau, P.; "A Re-Examination of the Relationship between Self- and Mutual
Inductance", J. Electronics and Control, 1962, 10, 125.
- Gregory, P.; "Extrusion by Hydraulic Pressure", Engineering, 1962, **194** (5031),390. Gregory, P.,
Bangay, A. J., and Paris, R.; "The Preparation of Lead Cable Sheath
Materials for Microscopical Metallography",
Metallurgia, 1959 (November).
- Lyons, B. J.; "Formation of Unsaturation and Crosslinks in the Radiolysis of
n-Alkenes and Polyethylenes", Nature (London), 1962, 195, 690.
- Slaughter, R. J., and Orlowski, P. P.; "Survey of Present PTFE Dielectric Cables:
Their Manufacture and Properties",
Proe. Inst. Elee. Engrs., 1962, 109B, 622.

Bibliography

1963

- Black, R. M.; "Applied Radiation Chemistry",
Reports on Progress of Applied Chemistry, 1963,48, 307.
- Black, R. M.; "Cables and Electrical Insulation",
Ann. Reports Progress in Rubber Technology, 1963,27,81.
- Clarke, S. A., and Reynolds, E. H.; "The Influence of the Constitution of Oils upon
their Gassing under Electric Stress", Dielectrics, 1963, 1, 26.
- Crook, M. A.; "Solvent Retention and Gel Formation in Polyvinyl Chloride",
Nature (London), 1963,200, 132.
- Crook, M. A., and Lyons, B. J.; "Role of Unsaturation in the Radiation Chemistry of
Polymers. Part 1. Polyethylene",
Trans. Faraday Society, 1963,59,2334.
- Crook, M. A., and Walker, F. S.; "Molecular Weight Distribution Changes in Polymers
on Irradiation", Nature (London), 1963, 198, 1163.
- Cross, P. E., and Lyons, B. J.; "Role of Unsaturation in the Radiation Chemistry of
Polymers. Part n. Gel Formation in Polymer and Triallyl Cyanurate
Mixtures", Trans. Faraday Society, 1963,59,235.0.
- Graneau, P.; "Steady State Electrodynamics of a Cylindrical Body in Axial Motion",
Electronics and Control, 1963, 14, 459.
- Graneau, P.; "Alternating Currents in Superconductors",
Physics Letters, 1963,5 (1),15.
- Pilpel, N.; "Organic Solutions of Heavy Metal Soaps",
Chemical Reviews, 1963,63,222.
- Rogers, E. C.; "The 50 c/s Critical Current of Superconductors",
Physics Letters, 1963,5 (5),317.

1964

- Black, R. M.; "Cables and Electrical Insulation",
Ann. Reports Progress in Rubber Technology, 1964, 28, 65.
- Black, R. M., and Reynolds, E. H.; "Synthetic Insulating Materials for Wires and
Cables", Electrical Review, 1964, 174,902.
- Black, R. M., Rhodes, R. G., and Spicer, C. H.; "A Flowmeter for Measuring Very
Low Rates of Helium Gas Flow",
J. Scientific Instruments, 1964, 41, 345.
- Graneau, P.; "Vector Potential and Inductance Coefficients",
J. Electronics and Control, 1964, 16, 115.
- Graneau, P.; "Alternating and Transient Conduction Currents in Straight Conductors of
Any Cross-Section", IEEE Paper CP64-405, 1964.
- McCallum Deighton, J.; "Damage to Telephone Cables and Other Transmission Lines by
Pests and Means of Preventing",
Pest Abstracts and New Summary, 1964, 16A, 445.
- Rhodes, R. G., Rogers, E. C., and Seebold, R. J. A.; "Measurement of 50 c/s Losses
in Superconductors", Cryogenics, 1964, 4, 206.
- Slaughter, R. J., and Kang, I. K.; "Superconducting Wire and Tape",
Metal Industries, 1964 (May).

1965

- Black, R. M.; "Cables and Electrical Insulation",
Ann. Reports Progress in Rubber Technology, 1965,29,91.
- Black, R. M., and Reynolds, E. H.; "Ionization and Irradiation Effects in High Voltage Dielectric Materials", Proc. Inst. Elec. Engrs., 1965, 112, 1226.
- Cross, P. E.; "Breakdown of Simple Hydrocarbons Subjected to a Silent Electric Discharge", Nature (London), 1965,208,892.
- Fox, M., Hanson, R. H., and Munro, B. S.; "The Composition of an Anodic Layer on Titanium", British J. Applied Physics, 1965, 16; 1213.
- Graneau, P.; "Anomalous Iron Losses", Proc. Inst. Elec. Engrs., 1965, 112; 1482.
- Graneau, P.; "Alternating and Transient Conduction Currents in Straight Conductors of Any Cross Section", International J. Electronics, 1965, 19,41.
- Graneau, P.; "Conference Report; Electrical Conduction at Low Temperatures", Applied Material Research, 1965,4, 252.
- Gregory, P., Bangay, A. J., and Bird, T. L.; "The Electrical Conductivity of Copper", Metallurgia, 1965 (May), 207.
- Gregory, P., and Hargreaves, J. E.; "The Electrical Conductivity of Annealed Polycrystalline Copper Wire", J. Institute of Metals, 1965.
- Gregory, P., and McAllister, D.; "The Fatigue of Lead Cable Sheath Materials", 2nd International Conference on Lead, Arnhem, October 1965 (Preprint).
- Kelk, E., Counsell, J. A. Hq and Edwards, D. R.; "Oil-ImpreJalated Paper as an Insulant for Hig!1 Voltage D.C. Cables", Proc. Inst. Elec. Engrs., Conference Publication No. 22, 1966, p. 334.
- Kelk, E., and Wilson, I. O.; "The Constitution and Properties of Paper for High Voltage Dielectrics", Proc. Inst. Elec. Engrs., 1965, 112,602.
- Linford, R. M. F.; "Critical Alternating Currents in Superconducting Niobium Strips", Physics Letters, 1966, 18, 365.
- Raw, P. M.; "Fibre Reinforced Copper of High Strength and High Electrical Conductivity", Applied Material Research, 1965,4, 173.
- Raw, P. M.; "Dispersion Hardened Copper of High Strength and High Electrical Conductivity", Applied Material Research, 1965,4,211.
- Rhodes, R. G., Wootton, R. E., and Nugent, H.; "An Assessment of the Possible Use of Polythene/Gas Dielectrics in H.V. Cables", Proc. Inst. Elec. Engrs., 1965, 112, 1617.

Bibliography

1966

- Andrews, P. V., and McAllister, P. B.; "The Recovery of Electrical Conductivity of Hard Drawn Copper Wire at Elevated Temperatures", Applied Material Research, 1966 (July), 168.
- Black, R. M.; "Cables et Isolement Electrique", Revue Generale des Caoutchoucs et Plastiques, 1966,43, 541.
- Black, R. M.; "Cables and Electrical Insulation", Ann. Reports Progress in Rubber Technology, 1966,30,92.
- Gilbert, G., and Davies, H. E. H.; "Pantograph Motion on a Nearly Uniform Railway Overhead Line", Proc. Inst. Elec. Engrs., 1966, 113~ 485.
- Goldberg, J. L., and Slaughter, R. J.; "Braid Construction and Attenuation of Coaxial Cables at Microwave Frequencies", Proc. Inst. Elec. Engrs., 1966, 113,957.
- Gregory, P., Bangay, A. J., and Hargreaves, J. E.; "The Contribution of Lattice Imperfections to the Electrical Resistivity of Metals", Metallurgia, 1966 (August), 71.
- Heyda, P. G.; "Electromagnetic Induction in a System of Conductors Carrying Alternating Currents", Proc. Inst. Elec. Engrs., 1966, 113, 1373.
- Rogers, E. C.; "The Nature of the 50 c/s Phase Transition in Type II Superconductors", Physics Letters, 1966, 18,365.
- Willetts, T. A., and Edwards, D. R.; "Dynamic-Model Studies of Overhead Equipment for Electric Railway Traction. Part 1. Simple Catenary Equipment", Proc. Inst. Elec. Engrs., 1966, 113,690.
- Willetts, T. A., Allen, C. E., and Edwards, D. R.; "Dynamic-Model Studies of Overhead Equipment for Electric Railway Traction. Part II. Sagged Simple Catenary Equipment", Proc. Inst. Elec. Engrs., 1966, 113,697.

Bibliography

1967

- Black, R. M., List, C. F., and Wells, R. I.; "Thermal Stability of p-Phenylene Sulphide Polymers", *1. Applied Chemistry*, 1967, 17, 269.
- Counsell, J. A. H., Edwards, D. R., and Hartshorn, P. R.; "A Re-Examination of the Variation with Stress of the D.C. Resistivity of Oil-Impregnated Paper", *Insulation*, 1967, 13 (2),32.
- Dey, P.; "Overhead Transmission Line Practice in Great Britain", IEEE Symposium, Mexico City, September 1967 (Reprint).
- Dey, P., and Proctor, F. H.; "Insulating Structure Members for Overhead Lines", University of Manchester Institute of Science and Technology, Symposium on High Voltage Applications of Epoxide Resins, April 1967.
- Edney, K., Fox, M., and Gilbert, G.; "Longitudinal Temperature Distribution in Low Temperature Cables with Counter-Flow Cooling", *Cryogenics*, 1967, 7 (December), 355.
- Edwards, D. R., and Slaughter, A. J.; "The Influence of Die Profile and Lubricant on the Drawing Load for Copper Wire", *Wire* (92), December, 272.
- Heyda, P. G.; "Theoretical Aspects of Mechanical Stresses in a Paper Lapped Cable Insulation", *Proc. Inst. Elec. Engrs.*, 1967, 114, 1507.
- Powell, A. H., Slaughter, R. J., and Edwards, D. R.; "An Apparatus for Investigating 50 c/s Voltage Pre-Breakdown Electron Emission in Vacuum Insulation at Low Temperatures (124oK)", *International J. Electronics*, 1967, 21, 393.
- Reynolds, E. H.; "Insulating Systems for Mains Cables", *New Zealand Electrical J.*, 1967 (July), 25.
- Rogers, E. C., and Edwards, D. R.; "Design for a 750 MV A Superconducting Power Cable", *Electrical Review*, 1967, 181 (10), 348.
- Slaughter, R. J., Rogers, E. C., and Grigsby, R.; "50 c/s A.C. Losses in Niobium Copper Composite Conductors at 4.2⁰K", *Physics Letters*, 1966, 18,214.

Bibliography

1968

- Allsebrook, W. E.; "Pyromellitic Resins", *Paint Manufacturer*, 1968,38 (4), 19.
- Black, R. M.; "Cables and Electrical Insulation",
Ann. Reports Progress of Rubber Technology, 1968,32,84-95.
- Dey, P., and Austin, K.; "Electric Power Overseas",
Electrical Supervisor, 1968 (March).
- Dey, P., Proud, S. H. R., and Drinkwater, B. J.; "Glass Fibre Laminates for Overhead Transmission Insulation", *Electrical Times*, 1968, 10.10.68.
- Dey, P., Drinkwater, B. J., and Nicholson, J. A.; "Insulating Structure Members for Overhead Lines",
IEE Conference, Progress in Overhead Lines and Cables for 220 kV and Above, IEE Conference Publication No. 44, 1968, pp.32-38.
- Edwards, D. R., "Superconducting A.C. Power Cables", *Electrical and Electronic Technical Engineer*, 1968 (3).
- Fox, M., Plessner, K. W., and Hall, M. M. J.; "Theory of Discharges at the Foil Edge in Capacitors", *Proc. Inst. Elec. Engrs.*, 1968, 115, 1027.
- Grigsby, R., and Slaughter, R. J.; "Measurement of 50 c/s Dissipation in Superconducting Niobium Strips by the Helium Boil-Off Method", University of Warwick Conference on A.C. Properties of Superconductors and Their Applications, 29th-31st August 1968.
- Hinde, R. M., Coles, E. L., and McAllister, P. B.; "The Application of Stereoscan Electron Microscopy to Corrosion Problems", CERL Conference, Leatherhead, 4th December, 1968 (Corrosion and Protection Association).
- Mott, C. W., Gaylard, B., Nicholson, J. A., and Dey, P.; "The Economics of Overhead Lines with Particular Reference to Design of Conductors and Their Operating Temperature: British Practice", IEE Conference, Progress in Overhead Lines and Cables for 220 kV and Above, IEE Conference Publication No. 44, 1968, pp. 23-31.

1969

- Andrews, P. V., West, M. B., and Robeson, C. R.; "The Effects of Grain Boundaries on the Electrical Resistivity of Polycrystalline Copper and Aluminium", *Philosophical Magazine*, 1969, 19,887.
- Bangay, A. J., and Irish, F.; "Application of MIG Welding to Jointing of Aluminium Conductor Power Cables", *Electrical Review*, 1969, 185,344-347.
- Bangay, A. J., Irish, F., and Gregory, P.; "The Creep Properties of 99.7 and 98.8 Percent Purity Aluminium at 7 50C", *Metallurgia*, 1969, 79 (2), 51-52.
- Caine, P. M., and Scott, P. R.; "Single Wire Railway Overhead System", *Proc. Inst. Elec. Engrs.*, 1969, 116,1217-1221.
- Dey, P., and Austin, K.; "Designing Transmission Lines for Overseas Conditions", *Electrical Review*, 1969, 184, 14 (Suppl. to 28.2.69).
- Dey, P., Proud, S. H. R., and Drinkwater, B. J.; "Developments in Insulation for High Voltage Overhead Transmission Systems", *Proceedings 9th NEMA-IEEE Insulation Conference*, 8th-11th September 1969, Paper No. 69 C-33, EI 11, 38-43.
- Goldring, A. G., Hartshorn, P. R., Ricketts, C. G., and Robinson, W.; "Insulation for High Voltage A.C. Railway Electrification in Great Britain", *Proc. Inst. Elec. Engrs.*, 1969, 116, 1377-1386.
- Heyda, P. G., "Theoretical Aspects of Thermomechanical Forces in Power Cables", *Proc. Inst. Elec. Engrs*, 1969, 116, 1356-1360.
- Hollingsworth, P. M.; "Metric Cables - Manufacturers Get Ready". *Electrical Contractor and Retailer*, 1969 (November).
- Hollingsworth, P. M.; "Cables and Metrication: the BICC Policy", *Electrical Times*, 27th March 1969.
- Hollingsworth, P. M.; "Underground Transmission Practice in the United Kingdom", *IEEE Power Conference*, Arnheim, 12th-16th May, 1969. Hollingsworth, P. M.; "The Cost of Power Cables", *Financial Times*, 20th June 1969. Hollingsworth, P. M.; "Consolidated Effort on Underground Distribution in the United States", *Electrical Review*, 1969, 185,93-95.
- Hollingsworth, P. M.; "Economic Substitute in Cable Making", *The Times*, 12th May 1969.
- Hollingsworth, P. M., and Parr, R. G.; "Current Ratings for Metric Cables", *Electrical Times*, 31 st July 1969.
- Majewski, H. A., D'Rosario, I. O., and Irish, F.; "The Creep Characteristics of Lead Alloy 'B' Cable Sheath at Low Hoop Stresses", *Lead '71, Proceedings of the 4th International Conference on Lead*, Hamburg, 1971.
- Margolis, D. S.; "Metrication: An Apology for S.I. Units", *Electronics and Power*, 1969, 15, 431-433.
- Rogers, E. C.; "A Comparison of Superconducting and Cryoresistive Power Cables", *Conference on Low Temperature and Electric Power*, London, 1969.
- Rogers, E. C., Cave, E. C., and Grigsby, R.; "A Superconducting Link for Laboratory Tests on Conductors for Superconducting Cables", *Conference on Low Temperature and Electric Power*, London, 1969.

Bibliography

1969 continued

- Rogers, E. C., Redmonds, B. E., and Chan, G. D.; "Temperature Dependence of A.C. Losses in Superconducting Niobium", *Cryogenics*, 1969 (December), 431-437.
- Verne, S., Howell, B. G., and Layzell-Ward, G. A.; "Gas Injection for Cellular Polyethylene", *Proceedings 18th International Wire and Cable Symposium, Atlantic City, N.J., U.S.A., 3rd-5th December 1969.*

1970

- Black, R. M.; "Cables and Electrical Insulation", *Ann. Reports Progress in Rubber Technology*, 1970,34,92-104.
- Black, R. M., and Reynolds, E. H.; "Some Aspects of the Breakdown of Dielectric Fluids by Internal Discharges", *Ann. Report of the Conference on Electrical Insulation, 1969, NAS-NCR, Washington, D.C., 1970.*
- Fox, M.; "Comment on 'Calculation of the Distribution of Relaxation Times from Experimental Data'", *Proc. Inst. Elec. Engrs.*, 1970, **58**, 155.
- Fox, M.; "The Production and Maintenance of Vacuum in Superconducting Power Cables", *Vacuum*, 1970,20(3),97-107.
- Grigsby, R., and Slaughter, R. J.; "Measurement of 50 c/s Dissipation in Superconducting Niobium Strips by the Helium Boil-Off Method", *J. Physics D. Applied Physics*, 1970, 3 (6), 898-905.
- Hollingsworth, P. M.; "Cable Prospects in the '70s", *Birmingham Post*, 13th January 1970.
- Hollingsworth, P. M.; "Underground Distribution in the U.K.: Present Practice and Future Trends", *41st Annual Conference of the Electricity Supply Authority Engineers Institute of New Zealand Inc., Dunedin, New Zealand, 14th-17th September 1970, pp 7-21.*
- Rothman, M.; "An Introduction to Industrial Mathematics", *Henley-on-Thames: G. T. Fowles*, 1970..
- Strong, N. G., Davis, N. E., and Melville, D. R. G.; "The Visual, Ultra-Violet and Ultrasonic Display of Corona Fields in Air", *Proc. Inst. Elec. Engrs.*, 1970, 117(7), 1453-1459.
- Verne, S., Puckowski, R. T., Hagger, J. M. R.; "Compatibility of Poly olefin Insulation and Hydrocarbon Fillers in Telephone Cable", *Proc. 19th International Wire and Cable Symposium, Atlantic City, N.J., U.S.A., 1st-3rd December 1970, pp. 280-287.*

Bibliography

1971

- Black, R. M., and Reynolds, E. H.; "Borofluoride Fluxes in the Jointing of Aluminium Conductors", *Electrical Review*, 1971, **189**, 225-226.
- Gregory, P.; "The Manufacture of High Electrical Conductivity Copper Rod and Wire", *Institute of Metals. Metallurgical reviews*, 1971 (December).
- Hollingsworth, P. M.; "Reducing Underground Cable Costs", *Electrical Review*, 1971, **189** (20), 740-744.
- Huddart, P. S., and Raw, P. M.; "Correction Factors in the Spiral Elongation Test for Copper Wire necessitated by the Deviation of the Wire Diameter from the Nominal", *J. Institute of Metals*, 1971, 99, 200.
- Kelk, E., Hinde, R. M., and Wilson, I. O.; "Detection and Identification of Conducting Paths in Capacitor Tissue", *IEEE Trans. Electrical Insulation*, 1971, **EI-6** (1), 32-39.
- Ruben, J. T., and Groombridge, D. R.; "X-Ray Image Exposure in the Electron Probe Micro-Analyser", *Micron*, 1971, 2, 310-311 .
- Verne, S., Puckowski, R. T., and Pinching, A. A.; "Long-term Stability of Polyethylene Insulated Fully-Filled Telephone Distribution Cables", *20th International Wire and Cable Symposium, Atlantic City, N. J., U.S.A., 30th November-2nd December 1971*, pp. 218-228.
- Gregory, P., and Dey, P.; "Energy Consumption and Waste Products in the Conversion of High Electrical Conductivity Copper Wire Bars to Wire", *BNF 4th International Conference on Energy and Waste in the Non-Ferrous Industry, Barcelona, November 1974*.
- Toop, D. J. F.; "Theory of Life testing and Use of Thermogravimetric Analysis to Predict the Thermal Life of Wire Enamels", *IEEE Trans. on Electrical Insulation*, 1971, **EI-6** (1), 25-32.

1972

- Black, R. M.; "Electric Cables in Victorian Times", London: HMSO, 1972.
- Black, R. M., Hinde, R. M., and Reynolds, E.H.; "The Phenomenon of Treeing in High Voltage Polymeric Insulation", *Annual Report on the Conference on Electrical Insulation*, 1972, NAS-NCR, Washington, D.C., U.S.A.
- Black, R. M., and Reynolds, E. H.; "The Evaluation of Dielectric Fluids by Gassing Cell Tests", *Proc. Inst. Elec. Engrs.*, 1972, **119**, 497-504.
- Black, R. M., and Reynolds, E. H.; "Natural and Synthetic Dielectric Liquids", *Insulation Engineer*, 1972 (July/August and September).
- Verne, S., Puckowski, R. T., and Pointer, B. R. O.; "Non-Extractable Stabilisers for Polypropylene and Polyethylene Insulation of Fully-Filled Cables", *Proceedings 22nd International Wire and Cable Symposium, 1972*, pp. 350-360.

Bibliography

1973

- Gosland, L., Hollingsworth, P. M., and Mochlinski, K.; "Current Ratings of Buried Distribution Cables", CIREC, 2nd International Conference on Electricity Distribution, Part 1, London, 7th-10th May 1973, pp. 57-68.
- Heyda, P. G., Kitchie, G. E., and Taylor, J. E.; "Computation of Eddy-Current Losses in Cable Sheaths and Busbar Enclosures", Proc. Inst. Elec. Engrs., 1973, 120 (4), 447.
- Verne, S., Pinching, A. A., and Hagger, J. M. R.; "Long-Term Stability of Fully-Filled Cables", Proceedings of the 22nd International Wire and Cable Symposium, 1973, pp. 244-260.

1974

- Scott, P. R., and Rothman, M.; "Computer Evaluation of Overhead Equipment for Electric Railroad Traction", IEEE Transactions on Industrial Applications, 1974, IA-10, 573-580.
- Verne, S.; "Fully-Filled Cables: A Review", 1st International Conference on Plastics in Telecommunications, IEE, 26th-27th November 1974, Paper No. 19.

1975. Gregory, P.; "The Properties and Manufacture of Copper Wire for Enamelling", Seminar

on Winding Wires Industry in India, New Delhi, December 1975.

Pritchett, I., Mather, E. L., and Verne, S.; "Fully-Filled Telephone Cable with Cellular Polyethylene Insulation after 10 Years Service", Proceedings of the 24th International Wire and Cable Symposium, 1975, pp. 347-360.

Slaughter, R. J.; "Field Leakage and Crosstalk, with Special Reference to Radiating Cables and Perforated Tape Screens", Radio and Electronic Engineer, 1975, 4S (5), 248-252.

Slaughter, R. J., Kent, A. H., and Callan, T. R.; "A Duct Installation of 2-Fibre Optical Cable", 1st European Conference on Optical Fibre Communication, London, 16th-18th September 1975, pp. 84-86.

1976

- Bungay, E. W. G., and Hollingsworth, P. M.; "Progress with Harmonisation of Cable Standards with CENELEC", Electrical Times, 1976 (4373), 7-8.
- Dean, N. S., and Slaughter, R. J.; "Development of Robust Optical Fibre Cable and Experience to Date with Installation and Jointing", Proceedings of the 25th International Wire and Cable Symposium, 1976.
- Gregory, P.; "Conductor Metals for Winding Wires", Covered Conductors Association, Technical Symposium, Liverpool, 26th October 1976.
- Heyda, P. G.; "Three Boundary Layer Type Problems Arising in the Cable Industry", Bulletin IMA, 1976, 12 (3), 81.
- Slaughter, R. J.; "Optical Fibre Transmission Cables and Joints", Systems technology, 1976 (25), 2-5.

Bibliography

1977

- Chadwick, D., Plessner, K. W., and Taylor, J. E., "Production Experience with PSP Optical Fibre Cable for the Martlesham/Ipswich Link", Post-Deadline Paper, Optical Fiber Transmission II, Williamsburg, Va., D.S.A., February 1977.
- Eve, M., Hensel, P. C., Hill, A. M., Malyon, D. I., Midwinter, J. E., Nelson, B. P., Stern, J. R., Wright, J. V., and Taylor, J. E.; "Transmission Performance of Three Graded Index Fibre Cables Installed in Operational Ducts", 3rd European Conference on Optical Communication, Munich, 1977, p. 53.
- Fox, M.; "Experiments on Micro-Distortion of Optical Fibres", IEE J. Microwaves, Optics and Acoustics, 1977, 1 (4),133.
- Gregory, P., and Gaylard, B.; "Review of Processes for the Continuous Manufacture of Copper Rod", 5th BNF International Conference on Continuous Processes, London, September 1977.
- Hollingsworth, P. M.; "The Interpretation of Power Supply Specifications", Electronic Engineering, 1977, 49 (591), 47-49.

1978

- McAnister, P. B., Carter, T. J., and Hinde, R. M.; "Structure of the Quenched Form of Polypropylene", Journal of Polymer Science. Polymer Physics, 1978, 16 (1), 49-57.
- Plessner, K. W., and Wilkinson, F.; "Communicating via Optical Fibres", Telecommunications, 1978, 12 (9), 20J-20L.
- Rothman, M., Kitchie, G. E., and Lester, M. J.; "Simulacion Mediante de los Sistemas de Electrificacion par Catenaria", RevistaAIT, 1978 (21) Abril.
- Taylor, J. E., and Cooke, E. I.; "Plastics in Optical Fibre Cables", PRI Conference on Plastics in Technology, 1978, pp. 22-1 to 22-8.

Bibliography

1979

- Constandinou, T. E., and Cozens, T.; "Some Effects of Salt Solution and Frequency on Treeing in Poly ethylene (PE) and Crosslinked Polyethylene CXLPE) Insulated Cables", IEE Conference Publication No. 177, pp. 415-418, 3rd International Conference on Dielectric Materials, Measurements and Applications, 10th-13th September 1979.
- Counsell, J. A. H., and Boardman, A.; "The Relationship between Molar Polarisation and Swelling of Polypropylene in Organic Liquids", IEE Conference Publication No. 177, pp. 61-64, 3rd International Conference on Dielectric Materials, Measurements and Applications, 10th-13th September 1979.
- Counsell, J. A. H., and Powell, A. H.; "Breakdown of Miniature Oil-Filled Cables by D.C. Polarity Reversal and Impulse-on-D.C. Voltages", IEE Conference Publication No. 177, pp. 65-68, 3rd International Conference on Dielectric Materials, Measurements and Applications, 10th-13th September 1979.
- Dey, P., Gaylard, B., Ash, D. O., and Gibbon, R. R.; "Conductor Systems for Overhead Lines: Some Considerations for their Selection", Proc. Inst. Elec. Engrs., 1979, 126 (4),333-341.
- Powell, A. H., and Banks, V. A. A.; "Effect of Particles on Insulating Properties of Oil under A.C., Stress", IEE Conference Publication No. 177, pp. 18-21, 3rd International Conference on Dielectric Materials, Measurements and Applications, 10th-13th September 1979.

1980

- Bhattacharya, S.; "Microprocessor Controlled Optical Measurement", Proc. 5th International Conference on Automated Inspection and Product Control, Stuttgart, Germany, 24th-26th June, 1980.
- Fox, M., and Dennis, M. R.; "Comment: Index Matching Fluids for Long Wavelength (12-16 J-Lm) Fibre-Optic Applications", Electronics Letters, 1980, 16 (17), 651-652.
- Ruben, J. T.; "Deadback: A Deadtime and Background Correction Program", EDAX Editor, 1980, 10(1), 13.
- Slaughter, R. J.; "Optical Fibres in Telecommunications", Metallurgist and Materials Technologist, 1980, 12 (5), 248-250.
- Taylor, J. E., Stannard-Powell, S. J., and Parr, D. T.; "Measurements on Jointed Optical Fibre Cables for the Slough-Maidenhead Field Trial", Proc. Inst. Elec. Engrs., Part H, 1980, 127 (1),33-36.

Bibliography

1981

- Egan, J., Pinching, A. A., and Wills, G. B.; "Gamma Irradiation of Electric Cables", Proc. International Conference on Radiation Processing for Plastics and Rubber, Brighton, 15th-17th June 1981.
- Fielding, F. I., and Dave, R. P.; "Experience with Field Measurement of Optical Fibre Bandwidth and Development of an Automated Method", Proc. IEE Colloquium on test Equipment for Optical Fibre Communications, London, 28th May, 1981.
- Heyda, P. G., and Thackray, G. J.; "Computer Evaluation of Electric Railway Catenary Equipment by the Method of Normal Modes", IEEE Trans., Industry Applications, 1981, 1A-17 (3), 321-329.
- Murphy, F. M., and Dave, R. P.; "An Attenuation Method for Use in Optical Cable Field Trials", Proc. 30th International Wire and Cable Symposium, 17th-19th November 1981, CECOM, Fort Monmouth, N.J., U.S.A.
- Pinching, A. A., "Crosslinked Materials in Cables", Lecture to Manchester Section of Plastics Institute, 1981.
- Wills, G. B.; "Radiation Sources and Their Characteristics", Proc. International Conference on Radiation Processing for Plastics and Rubber, Brighton, 15th-17th June 1981.
- Wilson, I. O.; "Magnesium Oxide as a High Temperature Insulant", Inst. Elec. Engrs. Proc. Part A, 1981, 128 (3), 159-164.

1982

- Chapman, I. E. G., Slaughter, R. J., and Fell, P.; "Bandwidth Enhancement in Optical Cable Installations", OFC '82, Paper WAA3, Phoenix, Arizona, U.S.A., April 1982 (Optical Society of America).
- Dave, R. P., "High Stability Infra-Red Sources for Long-Term Optical Fibre Attenuation Monitoring", FOC '82, Los Angeles, Ca., U.S.A., September 1982, p. 202-204.
- Egan, J., and Pinching, A. A.; "Why Irradiate PVC Cables?", Electrical Contractor, 1982, 80 (7), 32, 38.
- Fox, M.; "Calculation of Equivalent Step-Index Parameters for Single-Mode Fibres", Symposium on Optical Fibre Measurements, Boulder, Co., U.S.A., 13th-14th October 1982 (NBS Special Publication 641, pp. 93-96).
- Ness, D. E. M., and Black, R. M.; "New Materials for Cable Sheathing", Electronics and Power, 1982, 28 (10), 698-702.
- Plessner, K. W., and Knipe, C. D.; "Non-Metallic Optical Cables", Conference 01) Plastics in Telecommunications III, London, September 1982, Paper No. 16 (PR!).

Bibliography

1983

- Black, R. M.; "Electrical Conductors from Faraday to Ferranti",
11 th IEE Weekend Meeting on the History of Electrical Engineering,
Birmingham, 15th-17th July 1982, pp. 8/1-11.
- Black, R. M.; "The History of Electric Wires and Cables", IEE History of Technology
Series No. 4, London: Peter Peregrinus, 1983.
- Blythe, A. R.; "A New Conductivity Gauge for Antistatic Films",
Institute of Physics Conference Series, 1983 (66), 117.
- Beales, K. I., Cooper, D. M., Bush, J. D., Fox, M., Plessner, K. W., and Stannard
Powell, S. J.; "Increased Attenuation of Optical Fibre caused by
Diffusion of Hydrogen", BCOC, Geneva, 1983.
- Farmer, A. R., and Taylor, J. E.; "Fibre Optics in Power Transmission Equipment",
S.P .I.E., 1983,374 16-24 (Fibre Optics '83 (SIRA) 19th-21st April
1983, London).
- Fox, M.; "Theoretical Fatigue Life of Helical ly Stranded Optical Fibres",
Optical and Quantum Electronics, 1983, IS, 253-260.
- Fox, M.; "Calculation of Equivalent Step-Index Parameters for Single-Mode Fibres",
Optical and Quantum Electronics, 1983, IS, 451-455.
- Fox, M., and Stannard-Powell, S. J.; "Attenuation Changes in Optical Fibres due to
Hydrogen", Electronics Letters, 1983, 19 (22), 916-917.
- Ness, D. E. M.; "Cable Making Materials and Their Interaction with Water", Proc. One
Day Seminar on Underwater Electrical Cabling, London, 1st October,
1981, Society for Underwater Technology, 1983, pp. 25-37.
- Roworth, D. A. A.; "Fibre Optics Development for the Cambridge Ring",
LOCALNET 83, London, 8th-10th March 1983, pp. 519-535.
- Slaughter, R. J., Sarker, A., and Hazelden, R. J., "Cabling Sensitivity of Single-Mode
Fibres made with Intentionally Weak Guidance",
ECOC 1983, Geneva (European Conference on Optical Communications).