

Bell System Technical Papers Not Published in This Journal

ALLEN, L. J., see Fewer, D. R.

ALLISON, H. W., see Moore, G. E.

BAKER, W. O., see Winslow, F. H.

BARSTOW, J. M.¹

Color TV — How it Works, I.R.E. Student Quarterly, **2**, pp. 11-16, Sept., 1955.

BASSECHES, H.¹ and McLEAN, D. A.¹

Gassing of Liquid Dielectrics Under Electrical Stress, Ind. & Engg. Chem., **47**, pp. 1782-1794, Sept., 1955.

BECK, A. C.¹

Measurement Techniques for Multimode Waveguides, Proc. I.R.E., MRI, **4**, pp. 325-6, Oct. 1, 1955.

BECKER, J. A.¹

The Life History of Adsorbed Atoms, Ions, and Molecules, N. Y. Acad. Sci. Ann., **58**, pp. 723-740, Sept. 15, 1955.

BLACKWELL, J. H., see Fewer, D. R.

BOORSE, H. A., see Smith, B.

BOZORTH, R. M.,¹ GETLIN, B. B.,¹ GALT, J. K.,¹ MERRITT, F. R.,¹ and YAGER, W. A.¹

Frequency Dependence of Magnetocrystalline Anisotropy, Letter to the Editor, Phys. Rev., **99**, p. 1898, Sept. 15, 1955.

1. Bell Telephone Laboratories, Inc.

BOZORTH, R. M.¹, TILDEN, E. F.,¹ and WILLIAMS, A. J.¹

Anisotropy and Magnetostriction of Some Ferrites, Phys. Rev., **99**, pp. 1788-1798, Sept. 15, 1955.

BRIDGERS, H. E.,¹ and KOLB, E. D.¹

Rate-Grown Germanium Crystals for High-Frequency Transistors, Letter to the Editor, J. Appl. Phys., **26**, pp. 1188-1189, Sept., 1955.

BULLINGTON, K.¹

Characteristics of Beyond-the-Horizon Radio Transmission, Proc. I.R.E., **43**, pp. 1175-1180, Oct., 1955.

BULLINGTON, K.¹ INKSTER, W. J.,⁵ and DURKEE, A. L.¹

Results of Propagation Tests at 505 Mc and 4,090 Mc on Beyond-Horizon Paths, Proc. I.R.E., **43**, pp. 1306-1316, Oct., 1955.

CALBICK, C. J.¹

Surface Studies with the Electron Microscope, N. Y. Acad. Sci. Ann., **58**, pp. 873-892, Sept. 15, 1955.

CASS, R. S., see Fewer, D. R.

DURKEE, A. L., see Bullington, K.

FEWER, D. R.,¹ BLACKWELL, J. H.,⁴ ALLEN, L. J.,⁴ and CASS, R. S.⁴

Audio-Frequency Circuit Model of the 1-Dimensional Schroedinger Equation and Its Sources of Error, Canadian J. of Phys., **33**, pp. 483-491, Aug., 1955.

FRANCOIS, E. E., see Law, J. T.

DAVIS, J. L., see Suhl, H.

GALT, J. K., see Bozorth, R. M., and Yager, W. A.

GARN, P. D.,¹ and HALLINE, MRS. E. W.¹

Polarographic Determination of Phthalic and Anhydride Alkyd Resins, Anal Chem., **27**, pp. 1563-1565, Oct., 1955.

1. Bell Telephone Laboratories, Inc.

4. University of Western Ontario, London, Canada

5. Bell Telephone Company of Canada, Montreal

GETLIN, B. B., see Bozorth, R. M.

GIANOLA, U. F.¹

Application of the Wiedemann Effect to the Magnetostrictive Coupling of Crossed Coils, J. Appl. Phys., **26**, pp. 1152-1157, Sept., 1955.

Goss, A. J., see Hassion, F. X.

GREEN, E. L.¹

The Story of Q, American Scientist, **43**: pp. 584-594, Oct., 1955.

HALLINE, MRS. E. W., see Garn, P. D.

HARROWER, G. A.¹

Measurement of Electron Energies by Deflection in a Uniform Electric Field, Rev. Sci. Instr., **26**, pp. 850-854, Sept., 1955.

HASSION, F. X.,¹ Goss, A. J.,¹ and TRUMBORE, F. A.¹

The Germanium-Silicon Phase Diagram, J. Phys. Chem., **59**, p. 1118, Oct., 1955.

HASSION, F. X.,¹ THURMOND, C. D.,¹ and TRUMBORE, F. A.¹

On the Melting Point of Germanium, J. Phys. Chem., **59**, p. 1076, Oct., 1955.

HINES, M. E.,¹ HOFFMAN, G. W.,¹ and SALOOM, J. A.¹

Positive-Ion Drainage in Magnetically Focused Electron Beams, J. Appl. Phys., **26**, pp. 1157-1162, Sept., 1955.

HOFFMAN, G. W., see Hines, M. E.

INKSTER, W. J., see Bullington, K.

KELLY, M. J.¹

Training Programs of Industry for Graduate Engineers, Elec. Engg., **74**, pp. 866-869, Oct., 1955.

KOLB, E. D., see Bridgers, H. E.

1. Bell Telephone Laboratories, Inc.

LAW, J. T.¹ and FRANCOIS, E. E.¹

Adsorption of Gasses and Vapors on Germanium, N. Y. Acad. Sci. Ann., **58**, pp. 925-936, Sept. 15, 1955.

LOVELL, MISS L. C., see Pfann, W. G.

MATREYEK, W., see Winslow, F. H.

MCLEAN, D. A., see Basseeches, H.

MERRITT, F. R., see Bozorth, R. M., and Yager, W. A.

MEYER, F. T.¹

An Improved Detached-Contact Type of Schematic Circuit Drawing, A.I.E.E. Commun. & Electronics, **20**, pp. 505-513, Sept., 1955.

MILLER, B. T.²

Telephone Merchandising, Telephony, **149**, pp. 116-117, Oct. 22, 1955.

MILLER, S. L.¹

Avalanche Breakdown in Germanium, Phys. Rev., **99**, pp. 1234-1241, Aug. 15, 1955.

MOORE, G. E.¹ and ALLISON, H. W.¹

Adsorption of Strontium and of Barium on Tungsten, J. Chem. Phys., **23**, pp. 1609-1621, Sept., 1955.

NEISSER, W. R.,¹

Liquid Nitrogen Coal Traps, Rev. Sci. Instr., **26**, p. 305, Mar., 1955.

OSTERGREN, C. N.²

Some Observations on Liberalized Tax Depreciation, Telephony, **149**, pp. 16-23-37, Oct. 1, 1955.

OSTERGREN, C. N.²

Depreciation and the New Law, Telephony, **149**, pp. 96-100-104-108, Oct. 22, 1955.

PAPE, N. R., see Winslow, F. H.

1. Bell Telephone Laboratories, Inc.

2. American Telephone and Telegraph Co.

PEDERSEN, L.¹

Aluminum Die Castings for Carrier Telephone Systems, A.I.E.E. Commun. & Electronics, **20**, pp. 434-439, Sept., 1955.

PETERS, H.¹

Hard Rubber, Ind. and Engg. Chem., Part II, pp. 2220-2222, Sept. 20, 1955.

PFANN, W. G.¹

Temperature-Gradient Zone-Melting, J. Metals, **7**, p. 961, Sept., 1955.

PFANN, W. G.¹ and LOVELL, MISS L. C.¹

Dislocation Densities in Intersecting Lineage Boundaries in Germanium, Letter to the Editor, Acta Met., **3**, pp. 512-513, Sept., 1955.

PIERCE, J. R.¹

Orbital Radio Relays, Jet Propulsion, **25**, pp. 153-157, Apr., 1955.

POOLE, K. M.¹

Emission from Hollow Cathodes, J. Appl. Phys., **26**, pp. 1176-1179, Sept., 1955.

SALOOM, J. A., see Hines, M. E.

SLICHTER, W. P.¹

Proton Magnetic Resonance in Polyamides, J. Appl. Phys., **26**, pp., 1099-1103, Sept., 1955.

SMITH, B.,¹ and BOORSE, H. A.⁶

Helium II Film Transport. II. The Role of Surface Finish, Phys. Rev. **99**, pp. 346-357, July 15, 1955.

SMITH, B.,¹ and BOORSE, H. A.⁶

Helium II Film Transport. IV. The Role of Temperature, Phys. Rev., **99**, pp. 367-370, July 15, 1955.

SUHL, H.,¹ VAN UITERT, L. G.,¹ and DAVIS, J. L.¹

Ferromagnetic Resonance in Magnesium-Manganese Aluminum Ferrite Between 160 and 1900 Mc., Letter to the Editor, J. Appl. Phys., **26**, pp. 1181-1182, Sept., 1955.

1. Bell Telephone Laboratories, Inc.

6. Columbia University, New York City

THURMOND, C. D., see Hassion, F. X.

TIDD, W. H.¹

Demonstration of Bandwidth Capabilities of Beyond-Horizon Tropospheric Radio Propagation, Proc. I.R.E., **43**, pp. 1297-1299, Oct., 1955.

TIEN, P. K.¹ and WALKER, L. R.¹

Large Signal Theory of Traveling-Wave Amplifiers, Proc. I.R.E., **43**, p. 1007, Aug., 1955.

TILDEN, E. F., see Bozorth, R. M.

TRUMBORE, F. A., see Hassion, F. X.

UHLIR, A., JR.¹

Micromachining with Virtual Electrodes, Rev. Sci. Instr., **26**, pp. 965-968, Oct., 1955.

ULRICH, W., see Yokelson, B. J.

VAN UITERT, L. G., see Suhl, H.

WALKER, L. R., see Tien, P. K.

WEIBEL, E. S.¹

Vowel Synthesis by Means of Resonant Circuits, J. Acous. Soc., **27**, pp. 858-865, Sept., 1955.

WILLIAMS, A. J., see Bozorth, R. M.

WINSLOW, F. H.¹ BAKER, W. O.¹ and YAGER, W. A.¹

Odd Electrons in Polymer Molecules, Am. Chem. Soc., **77**, pp. 4751-4756, Sept. 20, 1955.

WINSLOW, F. H.¹ BAKER, W. O.¹ PAPE, N. R.¹ and MATREYEK, W.¹

Formation and Properties of Polymer Carbon, J. Polymer Science, **16**, p. 101, Apr., 1955.

YAGER, W. A., see Bozorth, R. M.

1. Bell Telephone Laboratories, Inc.

YAGER, W. A.¹, GALT, J. K.¹ and MERRITT, F. R.¹

Ferromagnetic Resonance in Two-Nickel-Iron Ferrites, Phys. Rev., **99**, pp. 1203-1209, Aug. 15, 1955.

YOKELSON, B. J.¹ and ULRICH, W.¹

Engineering Multistage Diode Logic Circuits, A.I.E.E. Commun. & Electronics, **20**, pp. 466-475, Sept., 1955.

1. Bell Telephone Laboratories, Inc.