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1985 - Present:

*Johnson Graduate School of Management,
Cornell University, Berens Professor of Entrepreneurship; Senior
Fellow, Entrepreneurship and Personal Enterprise Program*



Books, Refereed Publications and Translations (through December 2004)

Books

Co-Editor, *Handbook of International Mergers and Acquisitions*, Prentice-Hall, 1990.

Co-Editor, *International M&A, Joint Ventures and Beyond*, John Wiley & Sons, 1st Edition, 1997, 2nd Edition 2002.

Refereed Publications

“Nonthermal Ionization in Transient Helium-Cesium Discharges,” W. F. Westendorp, C. M. Bishop, H. Hurwitz, Jr., L. M. Goldman, and D. J. BenDaniel, *Phys. Fluids* 4, No. 6, (June 1961).

“Plasma Potential in a Magnetic Mirror System,” D. J. BenDaniel, *J. Nuclear Energy Part C*, 3, No. 4, (October 1961).

“Appropriate Asymptotic Speed Distribution of Ions in a ‘Long’ Magnetic Mirror System,” D. J. BenDaniel, *Phys. Fluids* 4, No. 11, (November 1961).

“Scattering Loss from Magnetic Mirror Systems – I,” D. J. BenDaniel and W. P. Allis, *J. Nuclear Energy Part C*, 4, (January 1962).

“Scattering Loss from Magnetic Mirror Systems – II,” D. J. BenDaniel and W. P. Allis, *J. Nuclear Energy Part C*, 4, No. 2, (April 1962).

“Theory of Nonthermal Ionization in Cesium Discharges,” D. J. BenDaniel and S. Tamor, *Phys. Fluids* 5, No. 4, (April 1962).

“Cyclotron Resonance Propulsion System,” D. B. Miller, E. F. Gibbons, P. Gloersen, and D. J. BenDaniel, presented at 3rd Annual Symposium on the Engineering Aspects of Magnetohydrodynamics in Rochester, New York, 3/28-30/62. Abstract appears on p. 23 of the program issued for the meeting. Full paper appears on p. 405-411 of the proceedings of the third symposium, which is published as *Engineering Aspects of Magnetohydrodynamics*, edited by Norman W. Mather and George W. Sutton, Gordon and Breach Science Publishers, New York, 1964.

“Matching Conditions at Gradual Plasma Boundaries,” D. J. BenDaniel and H. Hurwitz, Jr., *J. Nuclear Energy Part C*, 4, No. 5, (October 1962).

“Nonequilibrium Ionization in a High-Pressure Cesium-Helium Transient Discharge,” D. J. BenDaniel and C. M. Bishop, *Phys. Fluids* 6, No. 2, (February 1963).

“Electron Conductivity at Cyclotron Resonance,” D. J. BenDaniel, H. Hurwitz, Jr., and G. W. Sutton, *Phys. Fluids* 6, No. 6, (June 1963).

“Ionization Transients in Cesium,” D. J. BenDaniel, *Phys. Fluids* 6, No. 7, (July 1963).

“Class of Multiply Periodic Magnetic Field Configurations Exhibiting Hydromagnetic Stability,” D. J. BenDaniel and H. Hurwitz, Jr., *Phys. Fluids* 7, No. 11 (Part 1 of 2), (November 1964).

“Nonexistence of Isotropic Equilibria,” D. J. BenDaniel, *Phys. Fluids* 8, No. 8, (August 1965).

“Hydromagnetically Stable Periodic Magnetic Field,” D. J. BenDaniel, *Phys. Fluids* 8, No. 9, (September 1965).

“Acceleration Instability of a Vapor-Liquid Metal Interface with Longitudinal Magnetic Field,” D. J. BenDaniel and H. Hurwitz, Jr., *AIAA Journal* (Am. Inst. Aeron. & Astron.), 4, No. 6, (June 1966).

“Space-Charge Effects on Electron Tunneling,” D. J. BenDaniel and C. B. Duke, *Phys. Rev.* 152, No. 2, (December 9, 1966).

“Conductance Anomalies Due to Space-Charge-Induced Localized States,” D. J. BenDaniel and C. B. Duke, *Phys. Rev.* 160, No. 3, (August 15, 1967).

“Effect of Hydrogen Absorbed by Electrode and Electrolyte and Hydrogen Coverage,” D. J. BenDaniel and F. G. Will, *Journal of the Electrochemical Society*, 114, No. 9 (September 1967).

“Hydrogen Absorbed by Clean Platinum Electrodes,” F. G. Will and D. J. BenDaniel, *Journal of Electrochemical Society*, 114, No. 12 (December 1967).

“Significance of Electrolyte Films for Performance of Porous Hydrogen Electrodes,” F. G. Will and D. J. BenDaniel *Journal of the Electrochemical Society*, 116, No. 7 (July 1969).

“An Econometric Analysis of Energy Over the Next 75 Years,” R. W. Schmitt, D. J. BenDaniel, P. J. Stewart and A. S. Manne, presented at the IEEE/ASME/ASCE Joint Power Generation Conference, Buffalo, N.Y., 9/19-23/76. Full paper appears in the Proceedings of the Conference.

“The Relation of a Theory of Countable Sets to the, Field Equations of Physics,” D. J. BenDaniel, *Journal of Mathematical Physics*, 26, No. 4 (April 1985).

“Avoiding Pitfalls in Measuring Rates of Return,” in *Research at the Marketing Entrepreneurship Interface*, edited by Gerald E. Hills and Sumaria T. Mohan-Neil, Institute for Entrepreneurial Studies, University of Illinois at Chicago, 1994, pp. 295-299, with Seymour Smidt.

“On Wigner’s Suggestion of the Unreasonable Effectiveness of Mathematics in Physics,” *Proceedings of the Wigner Symposium*, 1995.

“The Unreasonable Effectiveness of Mathematics in Physics, “ *Causality and Locality in Modern Physics*, Kluwer Academic Publishers, August 1998.

“The Definability of Fields,” *Chaos, Solitons & Fractals*, 10, No. 6 (1999)

“Concentration in The Venture Capital Industry”, David J. BenDaniel, Jesse E. Reyes and Michael R. D’Angelo, *J. Private Equity*, 3, No. 3, (Summer 2000)

Translations

“An Introduction to the Theory of Ionized Gases,” J. L. Delcroix (translated by M. Clark, D. J. BenDaniel, and J. P. BenDaniel), Interscience Publishers, N.Y. (1960).

“Plasma Waves,” J. F. Denisse and J. L. Delcroix (translated by D. J. BenDaniel and M. Weinrich). Interscience Publishers, N. Y. (1963).

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