Jonathan R. Wood, Ph.D.
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SUMMARY

Dr Wood has a Ph.D from M.I.T. and 52 years of career experience in analog circuits, power electronics, power supplies, feedback control systems, and electromechanical systems. He has an intimate knowledge of the skills of practicing engineers, based in part on 33 years of experience running his own business in power electronics. He has an extensive list of technical publications, and has given lectures on feedback systems and power electronics at major universities and at power electronics conferences. Dr Wood is a Life Member of the I.E.E.E. He holds sixteen patents in the field of electronic power conversion, and has served as an expert witness in over a dozen cases, including trial experience and numerous depositions. Dr Wood holds a Private Pilot's License with an Instrument Rating.

EXPERTISE

- Power Electronics
- Power Conversion
- Power Supplies
- Power Supply Design
- Power Management
- Analog Circuits
- Analog Electronics
- Electrical Engineering
- DC-DC Converter Design
- Magnetics
- Expert Witness

EDUCATION

Ph.D. Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Massachusetts, 1973.

M.E. (Master of Engineering, Electrical), The University of Auckland, New Zealand, 1969.

B.E. (Bachelor of Engineering, Electrical), The University of Auckland, New Zealand, 1968.

EXPERIENCE

Altor Limited LC, Concord, Massachusetts, www.jonathanrwood.com

President, October 2004 to present. Consulting and Expert Witness services in analog and power electronics. Clients include:

Andrews Kurth LLP, Washington DC
Argo-Tech Corporation, Cleveland OH
Baker and McKenzie LLP, Dallas TX

Banner & Witcoff, Washington DC
Calfee, Halter & Griswold, Cleveland OH
Chubb Insurance Company, Boston MA
Cooley Godward LLP, San Francisco CA
Covington and Burling LLP, Redwood Shores CA
Design Concepts, Inc., Madison WI
Dell, Inc., Round Rock TX
EMO Labs, Inc., Waltham MA
Fairchild Semiconductor Corporation, Portland ME
Haynes and Boone LLP, San Jose CA
Haynes and Boone, Richardson TX
Heller Ehrman LLP, San Diego CA
International Rectifier Corporation, Leominster MA
ITT Night Vision, Roanoke VA
Johnson Outdoors Marine Electronics, Mankato MN
Lincoln Electric Company, Cleveland OH
MagneMotion, Inc., Devens MA
McDermott, Will and Emery, Chicago IL
Meisterling and Associates LLC, East Hampton CT
Microtech Systems Inc., Foster City CA
Miles & Stockbridge PC, Tysons Corner VA
Milwaukee Electric Tool Corporation, Brookfield WI
Monolithic Power Systems Inc., San Jose CA
Morgan, Lewis & Bockius LLP, Chicago IL
Norbar USA, Inc., Willoughby, OH
O'Melveny and Myers LLP, Los Angeles CA
ON Semiconductor, East Greenwich RI
Orrick, Herrington & Sutcliffe LLP, Menlo Park CA
PL Manufacturing Inc., Cooperstown ND
Primary Insight, Inc. (Division of Bear Stearns) New York NY
Qualcomm Inc., San Diego CA
Rackspace Hosting, San Antonio TX
Resonance Research, Inc., Billerica MA
R. F. Little Engineering, Windham NH
Ropes & Gray, New York NY
Sager and Schaffer LLP, Westborough MA
SkyNet Electronic Company, Taipei Taiwan ROC
Smith Amundsen LLC, Indianapolis IN
Steptoe & Johnson, Chicago IL
STRAIN PLLC, Washington DC
TAEUS International Corporation, Colorado Springs CO
Unifi Scientific Advances, Longview TX
uPI Semiconductor Corporation, Taiwan ROC
Vista Research (Div. of McGraw-Hill), New York NY
Vorys, Sater, Seymour and Pease, Cleveland OH
Watts Regulator Company, North Andover MA
William Drake Ltd., Buckfastleigh, Devon UK
Winston & Strawn LLP, New York NY
Williams & Connolly LLP, Washington DC

Acumentrics Corporation, Westwood, Massachusetts, www.acumentrics.com

Vice President of Engineering October 1999 to October 2004. Acumentrics designs and manufactures solid-oxide fuel cell systems and ruggedized uninterruptible power supplies for

distributed power applications. As a partner in the firm, Dr. Wood served for seven years as Vice President of Engineering and a Member of the Board of Directors.

Dr. Wood oversaw the integration of two engineering teams from merging companies into a cohesive, unified, and productive group with three major development activities: Rugged UPSs, Flywheel-based UPSs, and Fuel Cell Systems. He identified and hired key personnel to ensure the success of each program. He set up and directed an overseas operation, from the US. He also supervised and participated in a successful 200 kW flywheel system development, incorporating programmable hand-held controllers.

Altor, Inc., Natick, Massachusetts

President December 1986 to October 1999. Altor, Inc. designed and manufactured custom power conversion products. Dr. Wood founded Altor, Inc. in 1986. Without funding he grew it to a successful 15-person organization serving a wide variety of customers and applications. Altor, Inc. merged with Acumentrics Corporation in October 1999. Altor, Inc. provided analysis, design, prototyping, and manufacturing services to a wide variety of customers, including, but not limited to:

Agile Networks, Inc., Concord MA
AirNet Communications Corporation, Melbourne FL
Applied Laser Electronics, Ashland MA
Alliant Computer Systems, Littleton MA
AMP, Inc., Harrisburg PA
AT&T Corporation, Whippany NJ
Avid Technology Inc., Tewksbury MA
Avidyne Corporation, Lexington MA
Barkley and Dexter, Fitchburg MA
Beacon Power Corporation, Woburn MA
Bose Corporation, Framingham MA
Broadband Access Systems, Inc., Marlborough MA
Bytex Corporation, Southborough MA
Cherry Semiconductor Corporation, East Greenwich RI
Compaq Computer Corporation, Maynard MA
Cooper Energy Services, Mount Vernon OH
Coral Network Corporation, Marlborough MA
Data General Corporation, Westboro MA
Digital Equipment Corporation, Maynard MA
Digital Marine Electronics Corporation, Acton MA
EMC Corporation, Hopkinton MA
Epoch Systems Inc., Marlborough MA
E-Systems, Greenville TX
Fletcher Challenge Corporation, Auckland, NZ
FORE Systems, Inc., Warrendale PA
The Foxboro Company, Foxboro MA
GTE Government Systems, Needham MA
IDE Corporation, Billerica MA
International Power Devices, Brighton MA
Lancast, Inc., Nashua NH
Lockheed Sanders Corporation, Nashua NH
LTX Corporation, Westwood MA
Lucent Technologies, Inc., Marlborough MA
Lucent Technologies, Inc., Mt. Olive, NJ
MacConnell Research, San Diego CA
McLaughlin Research Corporation, Middletown RI

Microcom Inc., Norwood MA
MITEQ Inc., Hauppage NY
The MITRE Corporation, Bedford MA
MP Video Inc., Hopkinton MA
Northstar Marine, Acton MA
Nuclear Logistics Inc., Fort Worth TX
PB Diagnostic Systems Inc., Westwood MA
PictureTel Corporation, Peabody MA
PowerCube Corporation, Chatsworth CA
Prominet Corporation, Marlborough MA
Racal Interlan Inc., Boxborough MA
Raytheon Company, Lexington MA
Sensormatic Electronics Corporation, Deerfield Beach, FL
Sepracor Inc., Marlborough MA
Serco Systems Limited, Portsmouth, England
Simplex Time Recorder Company, Gardner MA
Smith and Nephew Dyonics, Inc., Andover MA
Steinbrecher Corporation, Burlington MA
SurgiQuip, Inc., Tulsa OK
Technical Communications Corporation, Concord MA
Tellabs, Inc., Burlington MA
Thermal Dynamics Inc.,West Lebanon NH
Venable Industries, Torrance CA
Wang Laboratories, Inc.
Willett International Limited, Framingham MA
Xylogics Inc., Wilmington MA
Xyplex, Inc., Littleton MA
Yamato Lock, Inc., Fitchburg MA
Zero Emissions Technology Inc., New Durham NH

Altor designed and manufactured power supplies for numerous applications, including, but not limited to:

Instrumentation power supplies
Medical power supplies
Programmable linear power supplies
Specialty power supplies
Computer power supplies
Telecommunication power supplies
Rugged environment power supplies
Dual-redundant power supplies
Multiple-redundant power supplies
Industrial power supplies
Replacement power supplies

Growth of the company was based on profits alone. Research was carried out on supporting technologies for high-speed motor-generators for use in premium power supply applications. Dr. Wood gained a wide-ranging US Patent in this area. He also gained a US Patent on a feedback control circuit for use with industry-standard converter modules.

Data General Corporation, Westborough, Massachusetts

Senior Engineer 1981 to December 1986. Dr. Wood served in both management and technology-leadership roles, with a primary focus in computer power supplies.

Designed a reliable and economical power supply for the corporation's MV/4000 computer, a major revenue-producing product for the corporation. Obtained a US Patent on one aspect of this design.

Carried out successful modeling, analysis, and design implementation of democratic load-sharing schemes for modular power supplies.

Categorized, modeled, and compared options for power supply front ends for fault-tolerant systems. Developed computer simulations for some of these.

Identified, modeled, and implemented a fast-transient-response feedback loop design method. Presented technical papers at national power conversion conferences in 1982 and 1983.

Identified, modeled, and explained the occurrence of chaotic system behavior in switching power supplies. Presented a pioneering technical paper at a power conversion conference in 1984.

Investigated the use of high-speed motor-generators for robust power supply front ends featuring long ride-through and complete immunity to power line transients. Designed, simulated, built, and successfully tested a 1 kW system and a 3 kW system.

Mobil Tyco Solar Energy Corporation, Waltham, Massachusetts

Group Leader, Systems Engineering, 1977 to 1981. Managed the development and installation of photovoltaic-powered systems.

Designed, built, and tested novel solar photovoltaic concentrating collectors, including Winston collectors, planar-concentrating collectors (employing fluorescent dyes), and modified fresnel-lens collectors. Evaluated the economics of each type.

Identified and simulated a practical algorithm for maintaining battery charge in a photovoltaic-powered water processing system. Supervised the design, building, and test of a 1 kW photovoltaic system to test this.

Wrote successful proposals for demonstration photovoltaic-powered water desalination systems.

Supervised the design and building of an 8 kW photovoltaic-powered water desalination system. This system produced potable water from sea water, and was installed and operated near Jeddah in Saudi Arabia.

Energy Consultant, 1974 to 1977.

Working for the New Zealand Government, carried out an extensive study of wind power potential for New Zealand. Identified and applied an algorithm for measuring the economic benefit to a utility grid of an intermittent energy source. Used hourly records of wind occurrence at selected sites, together with hourly records of electricity demand for the utility grid, as a data base for a computer-based assessment of correlation between supply and demand. Visited wind power hardware manufacturers in the US, Canada, Britain, Switzerland, and Holland.

Assisted with the design, construction, and testing of a 30 kW Darrieus wind turbine.

Working for the New Zealand Government, participated in the development of 50-year energy scenarios for New Zealand. Studied all factors affecting growth in energy demand, and all conceivable sources of energy production. Developed four distinct scenarios, all based on meticulous calculations. Published two extensive reports.

University of Auckland, 1976 to 1977.

Senior Lecturer in Electrical Engineering, University of Auckland, New Zealand. Taught Basic Electronics, Power Electronics, and Control Theory. Research included the development of electronic power converters for 1 – 20 kW wind turbines.

PYE Limited, 1974 to 1976.

Design engineer in the Systems Division of PYE Limited, Auckland, New Zealand. Worked on the design of a mobile communications transceiver with amplitude modulation and 12.5 kHz channel spacing. Produced successful design of an audio frequency modulator for the transceiver to meet stringent government specifications on inter-channel interference.

Texas Instruments Inc., Dallas, Texas 1973.

Senior Engineer in Systems and Information Sciences Laboratory. Worked on design and control of a digital tuning system for communications receivers in the VHF and UHF frequency bands.

Harvard University, Cambridge, Massachusetts 1971.

Research Assistant in the Department of Engineering and Applied Physics. Carried out research on energy conversion in electrical networks, especially DC-DC converters.

General Electric Company, Lynn, Massachusetts, 1970.

Research Engineer in Advanced Equipment Development Group. Designed and built crystal-oscillator gas measurement circuits. Developed a time-shared analog-and-digital two-wire multiplex communication system.

University of Southern California School of Medicine, Los Angeles, California, 1969.

Research Associate on the Faculty of the University of Southern California. Developed the transducer and instrumentation for an electronic capacitance plethysmograph (see list of publications below.)

University of Auckland, 1968.

Graduate Researcher. Developed a series of wideband (1 – 200 MHz) amplifiers for use in the University's radio astronomy program.

Green Lane Hospital, Auckland, New Zealand**,** 1966 - 1967.

Laboratory Engineer. Investigated and improved the frequency-response characteristics of a catheter-manometer blood-pressure recording system. Performed the design and construction of prototype equipment including a DC defibrillator and a blood flow-rate meter.

Plessey Limited, 1965.

Construction of mobile communications transceivers.

Lees Marine Limited, 1964.

Assembly of marine engine components including water pumps. Operated lathes, milling machines, drill presses, and grinders.

EXPERT WITNESS SERVICES

1. The Parties: Commercial Union Insurance Co. versus Tripplite, Inc.
   Nature of the Case: Electrical fire
   Counsel supported: Desmarais, Ewing and Johnston, Manchester NH.
   Client: Chubb Group of Insurance Companies
   Deposed: Yes
   Time frame: 2001

2. The Parties: Funicella versus Heatcraft, Inc.
   Nature of the Case: Electric shock accident
   Counsel supported: Desmarais, Ewing and Johnston, Manchester NH.
   Client: ESIS Insurance Services Company
   Deposed: Yes
   Time frame: 2002

3. The Parties: Monolithic Power Systems versus O2 Micro International.
   Nature of the Case: Patent Infringement
   Counsel supported: Cooley Godward, San Francisco CA.
   Client: Monolithic Power Systems, Inc.
   Deposed: Yes
   Time frame: 2006 - 2007

4. The Parties: Qualcomm versus Broadcom.
   Nature of the Case: Patent Infringement
   Counsel supported: Heller Ehrman, San Diego CA.
   Client: Qualcomm, Incorporated.
   Deposed: Yes
   Time frame: 2006 - 2007

5. The Parties: Bel Fuse, Inc. et al versus Ferencz et al.
   Nature of the Case: Contract Violation
   Counsel supported: Sager and Schaffer, Westborough MA.
   Client: Bel Fuse, Inc.
   Time frame: 2007 - 2008

6. The Parties: Research in Motion versus Motorola, Inc.
   Nature of the Case: Patent Infringement
   Counsel supported: Ropes & Gray, New York NY.
   Client: Motorola, Inc.
   Time frame: 2009 - 2010

7. The Parties: Richtek Technology Corp. versus Advanced Micro Devices, Inc. et al.
   Nature of the Case: Patent Infringement
   Counsel supported: O'Melveny & Myers, Los Angeles CA,
   Covington and Burling, Redwood Shores CA.
   Clients: AMD, uPI.
   Deposed: Yes
   Time frame: 2010

8. The Parties: Power Integrations, Inc. versus Fairchild Semiconductor
   Nature of the Case: Patent Infringement
   Counsel supported: Orrick, Herrington & Sutcliffe, Menlo Park CA
   McDermott, Will and Emery, Chicago IL

	Client:	Fairchild Semiconductor
	Deposed:	Yes
	Testified:	Yes (Northern California)
	Time frame:	2010 - 2014
9.	The Parties:	Richtek Technology Corp. versus uPI Semiconductor
	Nature of the Case:	Patent Infringement
	Counsel supported:	Haynes and Boone, San Jose CA
	Client:	uPI Semiconductor
	Time frame:	2010 - 2011
10.	The Parties:	Consolidated Work Station Computing LLC v. Dell, Inc.
	Nature of the Case:	Patent Infringement
	Counsel supported:	Winston & Strawn, New York NY
	Client:	Dell, Inc.
	Time frame:	2011
11.	The Parties:	SkyNet Electronic Company Ltd. v. Flextronics International Ltd.
	Nature of the Case:	Patent Infringement
	Counsel supported:	Andrews Kurth, Washington DC
	Client:	SkyNet
	Time frame:	2013 - 2014
12.	The Parties:	Power Integrations, Inc. (Requester) versus Fairchild Semiconductor
	Nature of the Case:	Inter Partes Reexamination of 7,259,972, Control No. 95/002,009
	Counsel supported:	Miles & Stockbridge, Tysons Corner VA
	Client:	Fairchild Semiconductor
	Time frame:	2014
13.	The Parties:	R. F. Little Engineering v. R. R. Sutton & Red Hot Maintenance
	Nature of the Case:	Electrical fault with collateral damage
	Counsel supported:	Desmarais, Ewing and Johnston, Manchester NH.
	Client:	R. F. Little Engineering
	Testified:	Yes (New Hampshire)
	Time frame	2011 - 2015
14.	The Parties:	Nest Labs (Requester) versus Honeywell International
	Nature of the Case:	Inter Partes Reexamination of 7,476,988, Control No. 95/002,038
	Counsel supported:	Miles & Stockbridge, Tysons Corner VA
	Client:	Honeywell International
	Time frame:	2015
15.	The Parties:	Undisclosed
	Nature of the Case:	Inter Partes Reexamination of multiple patents
	Counsel supported:	Smith Amundsen, Indianapolis IN Oblon Spivak, Alexandria VA
	Time frame:	2015 – 2017
16.	The Parties:	Lincoln Electric Company versus ESAB
	Nature of the Case:	Patent Infringement
	Counsel supported:	Baker & McKenzie, Dallas TX
	Client:	Lincoln Electric Company
	Deposed:	Yes
	Time frame:	2016

17. The Parties: Undisclosed
Nature of the Case: Contract Violation
Counsel supported: Barnes & Thornburg, Chicago IL
Time frame: 2017 – 2018

18. The Parties: Milwaukee Electric Tool Corporation versus Snap-on
Nature of the Case: Patent Infringement
Counsel supported: Morgan, Lewis & Bockius, Chicago IL
Client: Milwaukee Electric Tool Corporation
Deposed: Yes
Testified: Yes (Eastern Wisconsin)
Time frame: 2017

19. The Parties: Undisclosed
Nature of the Case: Patent Infringement
Counsel supported: Calfee, Halter & Griswold, Cleveland OH
Deposed: Yes
Time frame: 2017 - 2018 (ongoing)

20. The Parties: Leviton Manufacturing versus Pass & Seymour Legrand
Nature of the Case: Patent Infringement
Counsel supported: STRAIN, Washington DC
Client: Leviton Manufacturing
Deposed: Yes, twice
Testified: Yes (Eastern New York)
Time frame: 2017 – 2019

21. The Parties: Undisclosed
Nature of the Case: Inter Partes Reexamination of multiple patents
Counsel supported: Haynes and Boone, Richardson TX
Time frame: 2017 – 2018

22. The Parties: Undisclosed
Nature of the Case: Patent Infringement
Counsel supported: Steptoe & Johnson, Chicago IL
Deposed: Yes
Time frame: 2018 - 2019 (ongoing)

23. The Parties: Undisclosed
Nature of the Case: Inter Partes Reexamination of multiple patents
Counsel supported: Banner & Witcoff, Washington DC
Time frame: 2019 (ongoing)

24. The Parties: Undisclosed
Nature of the Case: Patent Infringement
Counsel supported: Vorys, Sater, Seymour and Pease, Cleveland OH
Time frame: 2019 (ongoing)

PATENTS

"Pulse Width Modulator Having Nonlinear Transfer Function ",
U.S. Patent # 4,532,435, July 30, 1985.

"Dynamic Transformer Power Supply ",
U.S. Patent # 5,347,191, September 13, 1994.

"A Circuit for Use in a DC-DC Converter Having a Booster Module ",
U.S. Patent # 5,838,557, November 17, 1998.

" System and Method for Electrically-Coupled Thermal Cycle",
U.S. Patent # 7,690,199, April 6, 2010.

" Leak Detector Pad",
U.S. Patent # 7,753,071, July 13, 2010.

"Low voltage power supply",
U.S. Patent # 8,183,845, May 22, 2012, with T.K. Trudeau.

"System and Method for Electrically-Coupled Thermal Cycle",
U.S. Patent # 8,196,402, June 12, 2012.

"System and Method for Electrically-Coupled Thermal Cycle",
People's Republic of China Patent # ZL2007800034557, August 15, 2012.

"System and Method for Electrically-Coupled Thermal Cycle",
European Patent (Germany) # 1982048, August 29, 2012.

"System and Method for Electrically-Coupled Thermal Cycle",
Korean Patent # 10-1374564, March 10, 2014.

" System and Method for Electrically-Coupled Thermal Cycle",
U.S. Patent # 8,701,404, April 22, 2014.

" System and Method for Electrically-Coupled Thermal Cycle",
U.S. Patent # 8,720,198, May 13, 2014.

" System and Method for Electrically-Coupled Heat Engine and Thermal Cycle",
U.S. Patent # 8,726,857, May 20, 2014.

"System and Method for Electrically-Coupled Thermal Cycle",
Canadian Patent # 2,637,634, July 8, 2014.

" System and Method for Electrically-Coupled Heat Engine and Thermal Cycle",
U.S. Patent # 8,991,340, March 31, 2015.

" System and Method for Electrically-Coupled Heat Engine and Thermal Cycle",
U.S. Patent # 9,228,490, January, 2016.

PUBLICATIONS

"A Direct Reading Capacitance Plethysmograph", Medical and Biological Engineering, January 1970, Vol. 8, pp. 59-70, with Dr. Chester Hyman of the University of Southern California School of Medicine, Los Angeles, California.

"Stability Considerations in Switching Voltage Regulators", Proceedings of the Eleventh Annual Allerton Conference on Circuit and System Theory, University of Illinois, October 1973.

"Switched Electrical Networks and Bilinear Equations", Proceedings of the Eleventh Annual Allerton Conference on Circuit and System Theory, University of Illinois, October 1973.

"Stability Considerations in Switching Voltage Regulators", Proceedings of the Seventh Asilomar Conference on Circuits and Systems, Pacific Grove, California, November 1973.

"Switched Electrical Networks and Bilinear Equations", Proceedings of the Seventh Asilomar Conference on Circuits and Systems, Pacific Grove, California, November 1973.

"Electrical Networks Containing Controlled Switches", in "Applications of Lie Group Theory to Nonlinear Network Problems", supplement to IEEE International Symposium on Circuit Theory, San Francisco, April 1974; IEEE catalogue 74CH0917; with Professor R.W. Brockett of Harvard University.

"Power Conversion in Electrical Networks", report number NASA CR-120830 prepared for the U.S. National Aeronautics and Space Administration Lewis Research Center at the Division of Engineering and Applied Physics of Harvard University, June 1974.

"Energy Scenarios for New Zealand", by G.S. Harris, M.J. Ellis, G.C. Scott, J.R. Wood, P.H. Phillips; New Zealand Energy Research and Development Committee, Report No. 19, March 1977.

"Energy Scenarios - Supplementary Studies", by Harris, Wood, et al; New Zealand Energy Research and Development Committee, Report No. 33, April 1978.

"Performance Tests of Organic Dyes in a Planar Solar Concentrator with Ribbon Photovoltaic Cells", by J.R. Wood and J.F. Long, Mobil Tyco Solar Energy Corp.; Conference Record of the Thirteenth IEEE Photovoltaic Specialists Conference, June 1978.

"A 25 kW Solar Photovoltaic Flat Panel Power Supply for an Electrodialysis Water Desalination Unit in New Mexico", by J.R. Wood and J.L. Crutcher, Mobil Tyco Solar Energy Corp., May 1979; Department of Energy Report No. DOE/ET/23061-1.

"Design of a Stand-alone 25 kW Solar Photovoltaic Flat Panel Power Supply for an Electrodialysis Water Desalination Unit", by J.R.Wood and J.L.Crutcher; Conference Record of the Fourteenth IEEE Photovoltaic Specialists Conference, January 1980.

"Solar Photovoltaic Power for Water Desalination", by J.R. Wood et al; Conference Record of Soltech '80, the Second Middle East Solar Technology Conference, Bahrain, November 1980.

"Design, Construction, and Operation of a Solar Photovoltaic Power Supply based on the use of Deep-Discharge Lead-Acid Batteries", presented at the 158th Meeting of the Electrochemical Society, Hollywood, Florida, October 1980.

"A Stand-alone Seawater Desalting System powered by an 8 kW Ribbon Photovoltaic Array" by J.R. Wood et al; Conference Record of the Fifteenth IEEE Photovoltaic Specialists Conference, May 1981.

"A Stand-alone Seawater Desalting System powered by an 8 kW Ribbon Photovoltaic Array" by J.R. Wood et al; Conference Record of the Solar World Forum, International Solar Energy Society, Brighton, England, August 1981.

"Wind Energy Utilization in New Zealand" by Jonathan R. Wood and V.A.L. Chasteau; New Zealand Energy Research and Development Committee, Report No. 67, November 1981.

"Using the Circle Criterion in the Design and Analysis of Nonlinear Feedback Systems", Proceedings of POWERCON 9, Power Concepts, Inc., Ventura, CA, 1982.

"Taking Account of Output Resistance and Crossover Frequency in Closed Loop Design", Proceedings of POWERCON 10, Power Concepts, Inc., Ventura, CA, 1983.

"Understanding Power Converter Chaotic Behavior Mechanisms in Protective and Abnormal Modes", by R.W. Brockett and J.R. Wood, Proceedings of POWERCON 11, Power Concepts, Inc., Ventura, CA, 1984.

"Chaos: A Real Phenomenon in Power Electronics", Proceedings of the Fourth Annual IEEE Applied Power Electronics Conference, March 1989. IEEE Catalogue Number 89CH2719-3.