Bibliography

ARSoftware, *AITools WinSMAC Users Guide*, 1st ed., Trantech Corporation, Redmond, WA., 1997.

B & B Electronics, *The OBD-II Home Page*, ⟨http://www.obdii.com⟩ (12 Dec. 1999).

Biss, D. J., Fitzpatrick, M. U., Zinke, D. T., Strother, C., and Kirchoff, G., 1980, "A Systems Analysis Approach to Air Bag Design and Development," Eighth International Technical Conference on Experimental Safety Vehicles, Wolfsburg, Germany, 21–24 Oct., Supplemental Notes, 14–15 Aug. 1997.

Bannatyne, R., "The Sensor Explosion and Automotive Control Systems," *Sensors Magazine*, May 2000, pp. 92–97.

Black, L., "The Latest on OBDII," *Motor Magazine*, July 1999.

Breed, D., Sanders, W. T., and Castelli, V., "A Complete Frontal Crash Sensor System," SAE Paper 930650, Society of Automotive Engineers, Inc., Warrendale, PA, 1993.

Carlson, B., Burgess, A., Miller, C., and Bauer, L., "Timeline of Computing History," *Computer Society Homepage*, 1996, ⟨http://computer.org/computer/timeline/⟩ (26 March 2001).

Chan, C.-Y., *Crash Sensing in Automotive Air Bag Systems*, Society for Automotive Engineering, Warrendale, PA, 2000.

Croft, A., "CRASH 99: The First Full-Scale Human Volunteer Tests for Chiropractic," *Dynamic Chiropractic*, 24 Feb. 2000, ⟨www.chiroweb.com/archives/17/22/04.html⟩ (22 July 2000).

Downs, R. M., Jr., Scheifflee, T. G., and Reed, R. T., "Examination Protocol for Vehicles Equipped with an Inflatable Restraint System," SAE Paper 970959, Society of Automotive Engineers, Inc., Warrendale, PA, 1997.

"Electronic Acceleration Data Recorder, EDR-3 Family, Indy 500 Racecar Applications," *Instrumented Sensor Technologies Home Page*, ⟨www.isthq.com/Harware/edr3.shtml⟩ (19 March 2000).

Federal Aviation Administration, Dept. of Transportation, "Operating Requirements: Domestic, Flag and Supplemental Operations (DFDRs and CVRs)," 14 Code of Federal Regulations (CFR) 121, 1 Jan. 1999, pp. 363-594, re: standards for aircraft digital flight data recorders and cockpit voice recorders.

Gore, D., "Crash Testing, Black Boxes in Indy Cars Lead to New Knowledge About how to Survive High Speed Impacts," *Stock Car Racing Online*, 1999, ⟨www.stockcarracing.com/tech/crashtest.html⟩ (19 March 2000).

Jonsson, K., "The INs and OUTs of European Engine Management Systems," *Motor Magazine*, December 1999.

Krishnaswamy, P., "Ford to Implement EASi-CRASH to Automate Crash Analysis, EASi Engineering GmbH," News Release, *EASI Europe Home Page*, 14 Aug. 1998, ⟨www.easi.de/company/press/full.php3?Id=19 ⟩ (22 July 2000).

Magnish, S., "CART Has Long History," *Toronto Sun on the Web*, 17 July 1997, ⟨www.canoe.ca/97TorontoIndy/jul17_indy6.html⟩ (16 July 2000).

McHenry, B., "SMAC-97—Refinement of the Collision Algorithm," SAE Paper 97-0947, 27 Feb. 1997, *McHenry Software Home Page*, ⟨www.mchenrysoftware.com/present.htm⟩ (22 July 2000).

McHenry Software, Inc, 59 References for CRASH and SMAC Analysis, *McHenry Software Home Page*, ⟨www.mchenrysoftware.com/ref.htm⟩ (22 July 2000).

Melvin, J. Baron, K., Little, W., Gideon, T., and Pierce, J., "Indy Race Car Crash Analysis, General Motors Motorsports Safety Technol-

ogy Research Program Investigates Indianapolis-Type Racecar Crashes Using an On-Board Computer," *Automotive Engineering International*, June 1999.

"Mercedes-Benz Fine-Tunes an Early Accident Detection System," Autoweb Pty Limited and Web Publications Pty Ltd., 27 Sept. 1999, ⟨www.autoweb.com.au/s ... owall_/id_MER/doc_mer9909272/article.html⟩ (22 July 2000).

Motorola, Inc., "Section 4.4.6, Self Adjusting Systems Using EE-PROM," *M68HC11 Reference Manual*, Rev 3.0., Part Reference No. M68HC11RM/AD, Tempe, AZ.

National Highway Traffic Safety Administration (NHTSA), "Occupant Protection Program Update," Fall 1999, ⟨http://nhts.dot.gov/people/injury/enforce/opupdate/december.htm⟩ (11 Jan. 2000).

National Highway Traffic Safety Administration (NHTSA), OCR Vehicle Database, 1998 Ford Taurus into Flat Frontal Barrier, Test 2832, Ref. 971222, *NHTSA Home Page*, ⟨http://www~nrd.nhtsa.dot.gov/QueryDB/⟩ (query on test no. 2832 to find), (5 July 2000).

National Highway Traffic Safety Administration (NHTSA,) "Rigid Barrier Crash Test Data of 1998 Model Year Vehicles," *NHTSA Home Page*, ⟨www.nhtsa.dot.gov/search97cgi/s97_cgi.exe⟩ (24 July 2000).

Nusholtz, G. S., Xu, L., and Kostyniuk, G., "Occupant Position Estimation," *Automotive Engineering International Magazine*, May 1998, pp. 81–83.

Park, B, Hackney, J, Morgan, R, Chan, H, Lowrie, J, and Devlin, H, "The New Car Assessment Program: Has it Led to Stiffer Light Trucks and Vans Over the Years?," SAE Paper 1999-01-0064, *NHTSA Home Page*, ⟨www.nhtsa.dot.gov/search97cgi/s97_cgi.exe⟩ (24 July 2000).

Robert Bosch GmbH, *Automotive Electric/Electronic Systems*, SAE edition, U. Adler, Ed., Robert Bosch GmbH, Stuttgart, Germany, May 1988.

Rosenbluth, W., "Analyzing Air Bag Deployment for Safety," *Sensors Magazine*, May 1998, pp. 58–66.

Rosenbluth, W., Chapter 2, "Air Bag Systems Analysis, Investigation of Motor Vehicle Air Bag Systems: an Introduction to the Information Encoded Within Them and to the Means of Extracting and Analyzing that Information," *Forensic Accident Investigation: Motor Vehicles 2*, T. Bohan, ed., October 1997, LEXIS Law Publishing, Charlottesville, VA.

Rosenbluth, W., "Test Fixture for Digital Measurement of Vehicle Air Bag Deployment Characteristics," Patent 5,850,085, Patent Awarded 15 July 1998.

Rosenbluth, W., "Updating the Automotive Air Bag Static Deployment Test System," *Sensors Magazine*, September 1999, pp. 97–104.

SAE J1538, Glossary of Automotive Inflatable Restraint Terms, SAE Recommended Practice, Society of Automotive Engineers, Inc., Warrendale, PA, April 1998.

Schneier, B., "An Overview, What is Cryptography," *The Hack.gr Gazette*, ⟨www.hack.gr/users/dij/crypto/overview/whatis.html⟩ (1 Jan. 2001).

Smith, M. J., Application Specific Integrated Circuits, Addison Wesley Pub Co., 1997, *dacafe Home Page*, ⟨www.dacafe.com/DACafe/EDATools/EDAbooks/ASIC/ASICs.htm ⟩ (28 Dec. 2000).

Sparks, D., Noll, T., Argrotis, T., Betzner, T., and Gschwend, K., "Sensors," *Automotive Engineering International*, September 1999, pp. 37–48.

Stearman, R. O., Schulze, G. H., Rohre, S. M., and Buschow, M. C., "Aircraft Damage Detection From Acoustic Signals Found by a Cockpit Voice Recorder," *Acoustical Society of America Home Page*, 17 June 1977, ⟨www.acoustics.org/2psa1.html⟩ (28 Dec. 2000).

"T & MW's Acronyms and Abbreviations," *Test & Measurement World*, July 1999, pp. 171–178.

Warren, M., "Driveability Corner, OBDII," *Motor Magazine*, October 1998.

"T & MW's Glossary of Terms," *Test & Measurement World*, July 1999, pp. 152–156.

Warren, M., "Driveability Corner, OBDII," *Motor Magazine*, June 1998.