

付録 A

米国自動車技術会騒音振動会議論文一覧 音質評価関係論文の主題別分類

評価手法

Klaus Genuit, *Investigation and simulation of vehicle noise using the binaural measurement technique*, Proceedings of the 1987 SAE Noise and Vibration Conference, SAE 870959

Klaus Genuit and Hans W. Gierlich, *Investigation of the correlation between objective noise measurement and subjective classification*, Proceedings of the 1989 SAE Noise and Vibration Conference, SAE 891154

Robert S. Thomas, Paul J. Stanecki, and H. Peter Creutz, *A Development Process to Improve Vehicle Sound Quality*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911079

H. Schiffbanker, K.F. Brandl, and G.E. Thien, *Development and Application of an Evaluation Technique to Assess the Subjective Character of Engine Noise*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911081

Klaus Genuit and Elmar David, *A new method for determining the subjective effects of sounds and vibration using an objective procedure*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931330

David A. Whitney and Bruce Broder, *Automatic, objective classification of vehicle noise and vibration data using hyperstate analysis*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931331

Takeo Hashimoto and Shigeo Hatano, *Quantification of Subjective Unpleasantness Using Roughness Level*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931332

B. John Feng and Norm Otto, *Synthesis of Powertrain Sounds for Investigations in Roughness*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931333

David S. Synder and Mitchell M. Marchi, *Controlling panel noise and vibration using non-contacting test methodologies*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931339

Hideki Murata, Hitoshi Tanaka, Hiroyuki Takada, and Yoshihiro Ohsasa, *Sound Quality Evaluation of Passenger Vehicle Interior Noise*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931347

Matthias Schneider, Michael Wilhelm, and Norbert Alt, *Development of Vehicle Sound Quality - Targets and Methods*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951283

Rudolf Bisping, *Emotional effect of car interior sounds: pleasantness and power and their relation to acoustic key features*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951284

D. R. Elliot, P. J. Crowther, and C. J. Bennett, *Development of a Practical Method for the Subjective Appraisal of Total Vehicle NVH Refinement*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951285

John Gagliardi, *Sound Source Decomposition and Modeling for Customer Product Expectation*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951286

K. Genuit, *Objective Analysis of Binaural Recordings*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951287

- James W. Forbes and Scott A. Amman, *Customer Based Holometric Analysis*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951308
- B. John Feng, Greg Wakefield, M. D. Good, Norm Otto, and R. Rebant, *On the Perceived Roughness of Automotive Powertrain Sounds*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951312
- Giacomo Ruspa and Giancarlo Schellino, *Sound Quality in Cars: New Ideas, New Tools*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951372
- Takao Ushijima and Shoichi Kumakawa, *Objective Harshness Evaluation*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951374
- Rudolf Bisping, Sonke Giehl, and Martin Vogt, *A Standardized Scale for the Assessment of Car Interior Sound Quality*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971976
- Klaus Genuit and N. Xiang, *Binaural "Hybrid" Model for Simulation of Engine and Wind Noise in the Interior of Vehicles*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971978
- Håvard Vold, Michael Mains, and Jason Blough, *Theoretical foundations for high-performance order tracking with the Vold-Kalman tracking filter*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972007
- David Fish, *Evaluation of Neural Networks as a Technique of Correlating Vehicle Noise with Subjective Response*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972016
- Håvard Vold and James Deel, *Vold-Kalman order tracking: new method for vehicle sound quality and drivetrain NVH applications*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972033
- Arno Wilhelm Ronacher, Mushtaq Hussain, Werner Biermayer, Wolfgang Stücklschwaiger, *Evaluating vehicle interior noise quality under transient driving conditions*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1683
- Franz K. Brandl, Werner Biermayer, *A new tool for the onboard objective assessment of vehicle interior noise quality*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1695
- K. Genuit and J. Poggenburg, *The design of vehicle interior noise using binaural transfer path analysis*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1808
- Brian K. Wilson and Mark L. Clapper, *A sound simulation technique used for the prediction of passenger compartment noise*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1809
- Robert Hoeldrich, Martin Pflueger, *A generalized psychoacoustical model of modulation parameters (roughness) for objective vehicle noise quality evaluation*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1817
- David G. Fish, *Consideration of the age related hearing ability (presbycusis) in the definition of vehicle interior noise targets*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1820
- Norm Otto, Scott Amman, Chris Eaton, Scott Lake, *Guidelines for jury evaluations of automotive sounds*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1822
- Martin Pflueger, Robert Hoeldrich, Franz K. Brandl, Werner Biermayer, *Subjective assessment of roughness as a basis for objective vehicle interior noise quality evaluation*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1850
- Alfred Rust, Ingo Edlinger, *Active Path Tracking - A Rapid Method for the Identification of Structure Borne Noise Paths in Vehicle Chassis*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1470
- Norbert W. Alt, Norbert Wiehagen, and Michael W. Schlitzer, *Interior Noise Simulation for Improved Vehicle Sound*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1539

Martin Pflueger and Wolfgang Stuecklschwaiger, *Sound and Vibration Quality Map for Commercial Vehicles*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1570

Rayya Hassan and Kerry McManus, *Factors Affecting Truck Driver's Perceived Comfort*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1571

W. Biermayer, S. Thomann, and F. Brandl, *A Software Tool for Noise Quality and Brand Sound Development*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1573

Lijian (Lee) Zhang, Timothy Kaiser and Dale Hopkins, *Determining Hearing Threshold of Interior Noise Using Adaptive Procedure*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1574

Mike Blommer and Norm Otto, *A New Method for Calculating Fluctuation Strength in Electric Motors*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1588

驅動系騒音

Kazuhiro Tsuge, Kunio Kanamaru, Tsukio Kido, and Noriaki Masuda, *A study of noise in vehicle passenger compartment during acceleration*, Proceedings of the 1985 SAE Noise and Vibration Conference, SAE 850965

Hirofumi Aoki, Masao Ishihama, and Akio Kinoshita, *Effects of power plant vibration on sound quality in the passenger compartment during acceleration*, Proceedings of the 1987 SAE Noise and Vibration Conference, SAE 870955

Osamu Maeda, Yasuaki Maekawa, and Kazuhiko Nomura, *Development of an engine noise evaluation meter*, Proceedings of the 1987 SAE Noise and Vibration Conference, SAE 870965

Toshihiro Wakita, Yoshihiko Kozawa, Katsumi Sanada, Gunji Sugimoto, Takeo Ogasawara, and Yuichi Fujii, *Objective rating of rumble in vehicle passenger compartment during acceleration*, Proceedings of the 1989 SAE Noise and Vibration Conference, SAE 891155

H. J. Kalser, R. Deges, D. Schwarz, J. Meyer, *Investigations on valve train noise in multi-valve engines*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911062

Katsuji Takanami, Mitsuo Iwahara, Haruki Saito, and Masamitsu Sakata, *Improving Interior Noise Produced During Acceleration*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911078

Mushtaq Hussain, Josef Golles, Arno Ronacher, and Herbert Schiffbanker, *Statistical Evaluation of an Annoyance Index for Engine Noise Recordings*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911080

Christoph Vorwerk, Günter Busch, Hans-Jürgen Kaiser, and Michael Wilhelm, *Influence of bottom end design on noise and vibration behavior of 4-cylinder in-line gasoline engines*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931315

H. J. Kaiser, J. Querengässer, and G. M. Bündgens, *Special noise problems in automotive timing belts*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931316

J. Querengässer, J. Meyer, J. Wolschendorf, and J. Nehl, *NVH optimization of an in-line 4-cylinder powertrain*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951294

Mark D. Likich and Robert P. Uhlig, *Refinement of the interior sound quality of Chrysler's Dodge and Plymouth Neon*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951309

Thomas Disch, *Optimizing the Sound Quality of Air Cooled Engine Fans Using Synthesized Noise Sources*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951313

Wayne Nowicki and Eric Sheffer, *Development of an isolated timing chain guide system utilizing indirect force measurement techniques*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971963

Brian Chapnik and Brian Howe, *Engine Sound Quality in Sub-Compact Economy Vehicles: A Comparative Case Study*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971977

Norman Otto, John Feng, Robert Cheng, Eric Wisniewski, *Linearity of Powertrain Acceleration Sound*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971982

Michael Blommer, Scott Amman, and Norm Otto, *The Effect of Powertrain Sound on Perceived Vehicle Performance*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971983

Alexander Bozmoski and Roger Upton, *A QC system for testing engine knock and whine on motorcycle engine assemblies*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972021

In-Soo Suh, Richard H. Lyon, *An investigation of valve train noise for the sound quality of I.C. engines*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1711

J. Nehl, M. Wilhelm, P. Gauch, and M. Travert, *Evaluation of crankshaft clearance influence on specific roughness noise concern*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1771

Norbert Alt, Klaus Wolff, and Peter van den Eijkel, *Idle comfort of passenger cars*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1805

Lucille Lamotte, Bernard Beguet, *Quantification of sound quality for engine in stationary and run-up conditions*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1815

Udo Lindner and Andreas Mueller, *Sounddesign – the BMW Inline Six-Cylinder Engine in Different Vehicle Applications*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1428

Anton Wolf and Eric Portal, *Engine Roughness: Analysis and Reduction Considering Air- and Structural Borne Noise Paths, Interfaces and Innovative NVH-Parts*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1575

ディーゼルエンジン騒音

M. F. Russell, S. A. Worley, and C. D. Young, *Towards an objective estimate of the subjective reaction to diesel engine noise*, Proceedings of the 1987 SAE Noise and Vibration Conference, SAE 870958

Alfred Rust, Herbert Schiffbaenker, and Franz K. Brandl, *Complete NVH optimisation of a passenger vehicle with a D.I. diesel engine to meet subjective market demands and future legislative requirements*, Proceedings of the 1989 SAE Noise and Vibration Conference, SAE 890125

Hiromitsu Tonosaki, Tim Summers, Hitoshi Yamashita, and Teruo Nakada, *Investigations into the excitation of low frequency half order vibrations in a diesel passenger car powertrain*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931304

Takeo Hashimoto, Shigeko Hatano, Haruki Saito, *Improvement of Sound Quality of Exterior Idling Noise of Small Diesel Truck*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951289

Anthony Champagne and Nae-Ming Shiau, *Commercial Van Diesel Idle Sound Quality*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971980

David Quinn and Ruedinger Von Hofe, *Engineering Vehicle Sound Quality*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972063

Naoki Sato, Yasuo Miura, *Study on exterior idling sound quality evaluation method for diesel engine trucks*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1739

Ron Ingham, Norm Otto, Toya McCollum, *Sound quality metric for diesel engines*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1819

吸排気騒音

of the 1989 SAE Noise and Vibration Conference, SAE 891156

Chad M. Johnson, *Vehicle exhaust sound specification development*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 951259

Katsuyuki Tanaka, Yoshitaka Nishio, Tokio Kohama, and Kouji Ohara, *Technological development for active control of air induction noise*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951301

Y. Ohsasa and K. Kadomatsu, *Sound Quality Evaluation of Exhaust Note During Acceleration*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951314

C. S. Wren and O. Johnson, *Gas dynamics simulation for the design of intake and exhaust systems—Latest techniques*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951367

Patricia Hetherington and William Hill, *An analytical/empirical approach to sound quality evaluation of exhaust systems*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971872

P. Hetherington, W. Hill, F. Pan, B. Snide, E. Bradamante, G. Cerrato-Jay, *Simulating odd fire V-10 exhaust noise for sound quality evaluation*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1652

L. Dedene, M. Van Overmeire, P. Guillaume, and R. Valgaeren, *Engineering metrics for disturbing sound elements of automotive exhaust noise*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1653

C. Y. R. Cheng and T. W. Wu, *Exhaust muffler design and analysis using a boundary-element- method-based computer program*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1761

Franc Pricken, *Sound Design in the Passenger Compartment with Active Noise Control in the Air Intake System*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1432

L. Dedene, M. Van Overmeire and P. Guillaume, and Rudi Valgaeren, *Determining the Link between the Disturbing Sound Elements and the Construction of the Exhaust System*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1434

変速機のうなり音/ギアのガラ音/クランク音

Oliver Johnson and Naotaka Hirami, *Diagnosis and objective evaluation of gear whine*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911082

Yu Wang and Zaiping Wang, *Modeling and analysis of automotive transmission rattle*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972054

Steven Becker and Scott Yu, *Objective noise rating of gear whine*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1720

Steve Becker and Scott X. Yu, *Gear noise rating prediction based on objective measurement*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1721

M. R. Beacham, D. J. Bell, N. N. Powell, and M. T. Savage, *Development of transmission whine prediction tools*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1767

David A. Gilbert, Michael F. O'Leary, Jeffrey S. Rayce, *Integrating Test and Analytical Methods for the Quantification and Identification of Manual Transmission Driveline Clunk*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1502

R. Krishnaswami, M. DeFore, D. Hildebrand, J. Metcalf, D. Sell, *Gear Whine Improvements for an Automatic Transmission Through Design Retargeting and Manufacturing Variability Reduction*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1505

R. Krishnaswami, S. Kaatz, D. Hildebrand, John Hiatt, P. Phelan, *Gear Whine Reduction for a New Automatic Transmission*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1506

Shounak M. Athavale, R. Krishnaswami, Everett Y. Kuo, *Estimation of Statistical Distribution of Composite Manufactured Transmission Error, A Precursor to Gear Whine, for A Helical Planetary Gear System*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1507

衝撃騒音 / ドア閉め音

Richard J. Fridrich, *Investigating calculated loudness ISO 532 for evaluating impulsive sounds*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911088

Klaus Hojbjerg, *Measuring the Loudness of Door Slams*, Proceedings of the 1991 SAE Noise and Vibration Conference, SAE 911090

Richard J. Fridrich, *Investigating impulsive sounds—Beyond "zwickler-loudness"*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931329

Michael Bloomer, Norm Otto, Gregory Wakefield, B. John Feng, and Cerita Jones, *Calculating the Loudness of Impulsive Sounds*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951311

Anthony Champagne and Scott Amman, *Vehicle Closure Sound Quality*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951370

Anthony Champagne and Scott Amman, *Measures to Quantify the Sharpness of Vehicle Closure Sounds*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971910

Richard Fridrich, *Pitch Matching for Impulsive Sounds*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971981

Sang-Kwon Lee and Paul Robert While, *Impulsive sound analysis of an automotive engine using a two-stage ALE*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972062

Petniunas, N. C. Otto, S. Amman, R. Simpson, *Door system design for improved closure sound quality*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1681

David Hamilton, *Sound quality of impulsive noises: an applied study of automotive door closing sounds*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1684

Richard J. Fridrich, *Percentile frequency method for evaluating impulsive sounds*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1851

機械 / 部品騒音

Scott Amman, Norm Otto and Cerita Jones, *Sound Quality Analysis of Vehicle Windshield Wiper Systems*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931345

Tsutomu Hishida and Bunji Hagiwara, *Sound Quality of Audible Warning Devices*, Proceedings of the 1993 SAE Noise and Vibration Conference, SAE 931346

Gabriella Cerrato, Alun Crewe, and John Terech, *Sound Quality Assessment of Powered Seat Adjusters*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951288

Prakash T. Thawani and Richard C. Sohaney, *Blower motor whining noise—A case study*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951349

Scott Amman and Chris Young, *A Perceptual Model for Power Adjustable Steering Column Sounds*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951371

Lijian Zhang and Alicia Vertiz, *What Really Affect Customer Perception? - A Window Regulator Sound Quality Example*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971909

John N. Penfold, *Power window sound quality—A case study*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972017

Lijian Zhang, *A sensory approach to develop product sound quality criterion*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1818

Christian M. Fernholz and Leonard F. Bishop, *Use of binaural measurement and analysis techniques in the establishment of steering pump design tolerances for noise, vibration and harshness performance*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1852

Jeffrey J Case, William A. Cuddy, *Application of an Acoustical Resonator to Reduce HVAC Blower Noise*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1526

車両シミュレータ

W. J. Pielemeier, V. Jeyabalan, N. C. Otto, *Signal processing for shift feel simulation on the Ford Vehicle Vibration Simulator*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972030

Wade R. Bray and Klaus Genuit, *A Virtual Car: Prediction of Sound and Vibration in an Interactive Simulation Environment*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1474

Marleen Adams and Patrick van de Ponsele, *Sound Quality Equivalent Modeling for Virtual Car Sound Synthesis*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1540

William Pielemeier, Jeffrey Greenberg, Ray Meier, Vadivelu Jeyabalan and Norman C. Otto, *Some Factors in the Subjective Evaluation of Laboratory Simulated Ride*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1569

Scott Amman, Bill Pielemeier, Dave Snyder, and Ferdinand Toting, *Road Vibration Investigation Using the Ford Vehicle Vibration Simulator*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1572

Greg Goetchius, Cary Ketelhut, Brian Smallwood, and Chris Eaton, *Subjective Evaluation of NVH CAE Model Predictions Using an Operator-in-the-Loop Driving Simulator*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1590

Oliver Nwankwo and Benjamin Cimerman, *Virtual Environment for Subjective Evaluation of Synthesized Sound*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1591

ブザー、スリップのきしみ音、ガタツキ音

Gernot Weisch, Wolfgang Stücklschwaiger, Alvaro Alves de Mendonca, Nilton T. S. Monteiro, and Luis Alves dos Santos, *The creation of a car interior noise quality index for the evaluation of rattle phenomena*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 972018

John Feng and Josef Hobelsberger, *Detection and scaling of squeak and rattle sounds*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1722

Kuang-Jen J. Liu, Tad DeVilbiss, and Mike Freeman, *Experimental analysis of rattle noise abatement in seatbelt retractor assembly*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1723

G. Cerrato-Jay, J. Gabiniewicz, J. Gatt, D.J. Pickering, *Automatic Detection of Buzz, Squeak and Rattle Events*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1479

M. Jay, Y. Gu, J. Liu, Excitation and Measurement of BSR in Vehicle Seats, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1552

Robert Brines, Lesley G. Weiss, Edward L. Peterson, *The Application of Direct Body Excitation Toward Developing a Full Vehicle Objective Squeak and Rattle Metric*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1554

内装材/伝達経路の騒音制御

Yang Qian and Jeff A. Vanbuskirk, *Sound absorption composites and their use in automotive interior sound control*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951244

John C. Gagliardi, *Correlation of various test methodologies with vehicle seat acoustical performance*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971927

Marc Rehfeld, *New Developments on Glazings*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1461

Barry Yang, Steven W. Nunez, Thomas E. Welch, James R. Schwaegler, *Laminate Dash Ford Taurus Noise and Vibration Performance*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1535

Charles T. Moritz, Jeff A. Kleckner, Pranaab Saha, *Development of Quiet Sound Package Treatments for Class 8 Trucks*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1541

機器装置

Paul E. Brey and Donald A. Williams, *The Ford Motor Company Advanced Engineering Center*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951356

A. E. D. Hughes and Bill Gastmeier, *Collins & Aikman Technical Centre*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971898

F. K. Brandle, *Design, construction and application of a world-class vehicle acoustic test facility*, Proceedings of the 1997 SAE Noise and Vibration Conference, SAE 971900

Peter C. Laux, Gerald R. Veen, Robert J. Unglenieks, Michael R. Dinsmore, *Novel Design of a Multi-Function Acoustics Laboratory for the Testing and Evaluation of Automotive Acoustics Systems and Components*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1489

風きり音

Norm Otto and B. John Feng, *Wind Noise Sound Quality*, Proceedings of the 1995 SAE Noise and Vibration Conference, SAE 951369

Scott Amman, Jeff Greenberg, Bill Gulker, and Sanjay Abhyankar, *Subjective quantification of wind buffeting noise*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1821

Geon-Seok Kim, Hyoung-Kun Park, Seung-Gyoon Jung, Kang-Duck Ih, *Development of Acoustic Holography and Its Application in Hyundai Aeroacoustic Wind Tunnel*, Proceedings of the 2001 SAE Noise and Vibration Conference, SAE 2001-01-1497

複数の主題を含むもの

Sam David Haddad, *An investigation into the significance of infrasound in some passenger cars*, Proceedings of the 1989 SAE Noise and Vibration Conference, SAE 891158

Norman C. Otto, Richard Simpson, Jason Wiederhold, *Electric vehicle sound quality*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1694

Daniel Kato, W. Chris Eaton, *Sound quality engineering for RV generator sets*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1816

Joachim Scheuren, Ulrich Widmann, Jens Winkler, *Active noise control and sound quality design in motor vehicles*, Proceedings of the 1999 SAE Noise and Vibration Conference, SAE 1999-01-1846

Wade Bray, Scott Lake, Klaus Genuit (collaborating), Sound Quality Workshop, Part of the 2001 SAE Noise and Vibration Conference, but not included in the proceedings