

**TARRC
ENGINEERING REPRINTS**

1990 – 2005

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Supplement*

AHMADI, H. R.

Bi-axial experimental techniques highlighting the limitations of a strain-energy description of rubber.

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K.N.G. Fuller, H.R. Ahmadi, A.H. Muhr, I.R. Goodchild, J. Gough and G. Magonette (JRC, Ispra, Italy)
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Epoxidized natural rubbers and their blends: dynamic storage modulus and damping behaviour.

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High damping natural rubber for seismic isolators: modelling behaviour and predicting longevity.

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Intercomparison of analysis methods for seismically isolated nuclear structures.

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Publication 1549

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Publication 1719

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Publication 1699

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Publication 1576

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Publication 1659

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Publication 1593

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Publication 1580

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Publication 1680

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K. Muniandy, K.N.G. Fuller and H.R. Sidjabat

Publication 1416

Viscoelastic dampers for reducing wind response of steel frame structures - design and testing.

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K.N.G. Fuller, H.R. Ahmadi and B.R. Ellis and T.D.G. Canisius (BRE, Watford, UK)

Publication 1635

Viscoelastic dampers for seismic protection of buildings: An application to an existing building.

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Keith Fuller, Rodolfo Antonucci (University of Ancona, Italy), Francesco Balducci (C.R.E.A Ancona, Italy) and Maris Gabriella Castellano (FIP Industriale SpA, Italy).

Publication 1698

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C. Dumoulin (Bouygues BTP, St Quentin en Yvelines, France), G. Magonette, F. Taucer (Joint Research Centre, European Commission, Ispra, Italy), K.N.G. Fuller, I.R. Goodchild and H.R. Ahmadi

Publication 1634

FULTON, W.

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Publication 1563

GOODCHILD, I. R.

Earthquake protection of buildings using high damping rubber isolators and viscoelastic dampers.

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K.N.G. Fuller, H.R. Ahmadi, A.H. Muhr, I.R. Goodchild, J. Gough and G. Magonette (JRC, Ispra, Italy)

Publication 1683

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K.N.G. Fuller, H.R. Ahmadi and I.R. Goodchild and G. Magonette and F. Taucer (JRC, Ispra, Italy) and C. Dumoulin (Bouygues, BTP, St Quentin, France)

Publication 1680

Viscoelastic dampers for seismic protection of buildings: an application to an existing building.

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Ancona, Italy) and Maria Gabriella Castellano (FIP Industriale SpA, Italy).

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Publication 1634

GOUGH, J.

Application of finite element analysis to fender manufacture and design.

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J. Gough

Bi-axial experimental techniques highlighting the limitations of a strain-energy description of rubber.

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Publication 1683

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Publication 1720

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K.N.G. Fuller, J. Gough and A.G. Thomas (Queen Mary and Westfield College, London, UK)

Publication 1684

Experimental determination of models for liquid silicone rubber: hyperelasticity and Mullins' effect.

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A.H. Muhr, J. Gough and I.H. Gregory (University of Hertfordshire)

Publication 1662

Fracture and stress analysis of bonded rubber blocks in simple shear.

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I.H. Gregory (University of Hertfordshire, UK), J. Gough and A.H. Muhr

Publication 1695

High damping natural rubber compounds for seismic isolators: properties and specifications.

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Publication 1557

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Load-deflection behaviour and testing of fenders.

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J. Gough

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Dr. A.H. Muhr co-authored with J. Gough and M. Kwong (Sime tyre technology centre, Malaysia)

Publication 1706

Predicting the response of high damping rubber bearings using simplified models and finite element analysis.

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J. Gough

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GREGORY, M. J.

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Publication 1333

GREGORY, I. H.

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D. Holland (Vacam Ltd, Hinkley), I.H. Gregory and P. Appleton (Dunlop Tyres, Birmingham).

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Publication 1559

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Publication 1529

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Publication 1609

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H.R. Ahmadi, A.H. Muhr, J.G.R. Kingston, L.A. Gracia and B. Gómez (Instituto Tecnológico de Aragón, Zaragoza-Spain)

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Publication 1722

LAKE, G. J.

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G.J. Lake

Publication 1499

Application of fracture mechanics to failure in rubber-cord laminates.

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G.J. Lake

Publication 1598

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G.J. Lake and P.M. Lewis

Publication 1509

The determination of threshold strain of rubber in ozone resistance tests.

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G.J. Lake

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Effects of atmospheric oxygen on fracture in vulcanized elastomers.

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G.J. Lake

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The effect of elastomer structure on antiozonant action.

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G.J. Lake and P.G. Mente

Publication 1321

Effects of hydrostatic pressure on crack growth in elastomers.

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Energy increases in low-angle peeling.

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G.J. Lake

Publication 1316

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Publication 1368

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Journal of Rubber Research, 2000, 3, 1, 1-13.

M.A. Ansarifar (IPTME, Loughborough University, Leicestershire, UK), K.N.G. Fuller, G.J. Lake (University of East London, UK) and B. Raveendran
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Failure of rubber to metal bonded units.

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M.A. Ansarifar and G.L. Lake

Publication 1471

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Rubber Chemistry and Technology, 1995, 68, 435-60.

G.J. Lake

Publication 1545

Fracture mechanics approach to failure of rubber-rigid substrate joints.

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M.S.D. Fernando, G.J. Lake, C.C. Lawrence (University of East London, UK), E. Ostman, S. Persson (Svedala-Skega AB, Sweden), E. Southern (SK Bearings, Cambridge, UK) and A.G. Thomas (University of East London, UK)

Publication 1668

Mechanisms of antiozonant protection of elastomers.

Polymer Degradation and Stability, 1995, 49, 193-203.

G.J. Lake and P.G. Mente

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Publication 1542

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Strength.

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G.J. Lake, C.C. Lawrence and A.G. Thomas

Publication 1418

Time-dependent fracture in vulcanized elastomers.

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Publication 1383

Time-dependent mechanical failure of strong elastomers-to-metal bonds: chemical or physical mechanism?

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P. Albiñ (Swedish Institute for Fibre and Polymer Research, Sweden), A.V. Chapman, G.J. Lake and C.C. Lawrence (University of East London, UK)

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MUHR, A. H.

A comparison of rubber and metal springs for vibration isolation.

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Publication 1485 nfs

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Noise and Vibration Control with Rubber, Plastics and Rubber Institute, Rubber in Engineering Group, London, March 1991. 3/1-3/15.
H.R. Ahmadi and A.H. Muhr
Publication 1350

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H.R. Ahmadi and A.H. Muhr
Publication 1541

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International Post-Smirt conference seminar on Seismic Isolation, Passive Energy Dissipation and Control of Vibrations of Structures, Santiago, Chile, 21-23 August, 1995.
K.N.G Fuller, A.H. Muhr and T.J. Pond
Publication 1551

Current research at MRPRA on rubber bearings for seismic isolation.

International workshop on use of rubber based bearings for earthquake protection of building, Shantou, China, May 17-19, 1994. Proceedings, paper A-11.
K.N.G. Fuller and A.H. Muhr
Publication 1502

Current research at MRPRA related to seismic isolation of buildings.

International Post-SMIRT conference seminar on Isolation, Energy dissipation and control of vibrations of structures, Capri, August 1993.
H.R. Ahmadi, K.N.G. Fuller and A.H. Muhr
Publication 1488

Current studies at MRPRA related to isolation bearings.

11 th International Conference on Structural Mechanics in Reactor Technology, Post-Conference Seminar no. 1, Seismic Isolation of Nuclear and Non-Nuclear Structures, August 1991, Nara-shi, Japan.
K.N.G. Fuller, A.H. Muhr and T.J. Pond
Publication 1370

Damping of structural vibrations using rubbery materials.

Third International Congress on Air- and Structure-borne Sound and Vibration, Montreal, Canada, June 13-15, 1994.
H.R. Ahmadi and A.H. Muhr
Publication 1507

The deflection capacity of rubber anti-seismic bearings.

Fourth World Conference on Joints and Bearings. Sacramento, September 1996.

A.H. Muhr

Publication 1582

Design and performance of high damping natural rubber base-isolators.

Seismology and Earthquake Engineering - 2. Tehran, Iran. May, 1995.

H.R. Ahmadi, K.N.G. Fuller and A.H. Muhr

Publication 1524

Design equations for rubber components.

Presented at Rubbercon '95, Gothenburg, Sweden, May 1995.

A.H. Muhr

Publication 1530

Design of elastomer-based engineering products.

Concise encyclopedia of polymer processing & applications, edited by P.J. Corish. Oxford: Pergamon Press, 1992. pp 180-91.

V.A. Coveney and A.H. Muhr

Publication 1409

Design of elastomeric anti-seismic bearings.

In European seismic design practice: research and application. Proceedings of the Fifth SECED Conference, Chester, October 1995, edited by A.S. Elnashai. Rotterdam: A.A. Balkema, 1995. pp 479-86.

I.H. Gregory and A.H. Muhr

Publication 1548

Design of laminated elastomeric bearings for base isolation.

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A.H. Muhr and A.G. Thomas

Publication 1355

The design of natural rubber bearing base-isolation systems for apartment blocks in Indonesia and China.

10th European Conference on Earthquake Engineering, Vienna, August 1994.

K.N.G. Fuller, A.H. Muhr and Fu Lin Zhou (South China Construction University, Guangzhou)

Publication 1510

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A.H. Muhr

Publication 1503

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J. Gough, I.H. Gregory and A.H. Muhr

Publication 1610

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Publication 1676 nfs

Dynamic properties of rubber.

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A.H. Muhr

Publication 1480

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K.N.G. Fuller, H.R. Ahmadi, A.H. Muhr, I.R. Goodchild, J. Gough and G. Magonette (JRC, Ispra, Italy)

Publication 1683

Effect of ageing on the ability of natural rubber to strain crystallise.

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A.H. Muhr, A.R. Azura, D. Göritz (University of Regensburg, Germany) and A.G. Thomas (Queen Mary, University of London)

Publication 1723

Effect of compressible filler on the elastic properties of rubber.

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J. Gough, A.H. Muhr, A.G. Thomas (Queen Mary, University of London)

Publication 1720

Engineering applications of rubber in simple extension.

Plastics, Rubber and Composites Processing and Applications, 1997, 26, 3, 118-122. First presented at IRC 96, International Rubber Conference, 17-21 June 1996, Manchester, UK.

I.H. Gregory, A.H. Muhr and I.J. Stephens

Publication 1559

Environmental resistance of bonds in rubber components.

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A.H. Muhr

Publication 1670

Experimental determination of models for liquid silicone rubber: hyperelasticity and Mullins' effect.

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A.H. Muhr, J. Gough and I.H. Gregory (University of Hertfordshire)

Publication 1662

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A.H. Muhr

Publication 1671

Finite element analysis and the design of rubber components.

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A.H. Muhr

Publication 1577

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Presented at Rubbercon '95, Gothenburg, Sweden, May 1995.

I.H. Gregory and A.H. Muhr

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Publication 1636

Flexible rubber-metal laminates.

Presented at a meeting on Practice in Stress and Vibration Analysis, University of Sheffield, 20-21 April 1993.

Publication 1466

Fracture and stress analysis of bonded rubber blocks in simple shear.

American Chemical Society, Rubber Division Meeting, Cincinnati, Ohio. 17-20 October 2000. Paper 69

I.H. Gregory (University of Hertfordshire, UK), J. Gough and A.H. Muhr

Publication 1695

The function and design of rubber springs.

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A.H. Muhr

Publication 1575

Geometrical factors in elastomer pad design.

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A.H. Muhr and A.G. Thomas

Publication 1379

High damping natural rubber isolators: the potential for earthquake protection of apartment blocks.

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Publication 1547

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Journal of Natural Rubber Research, 1992, 7, 181-94.

H.R. Ahmadi, K.N.G. Fuller and A.H. Muhr

Publication 1437

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Publication 1712

Lubrication of model asperities on rubber.

Vehicle Tribology, edited by D. Dowson, C.M. Taylor and M. Godet, 195-204. Proceeding of the 17th Leeds-Lyon Symposium on Tribology, Leeds, September 1990 Amsterdam: Elsevier, 1991.

A.H. Muhr

Publication 1354

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H.R. Ahmadi, V.A. Coveney and A.H. Muhr

Publication 1378

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J. Gough, A.H. Muhr and A.G. Thomas (Queen Mary & Westfield College, London)

Publication 1608

Measurement and application of dynamic stress-strain properties of rubber.

Polymer Testing 97. RAPRA Technology, Shawbury, 7-11 April, 1997. Day 5. Design Data in the Rubber Industry.

H.R. Ahmadi and A.H. Muhr

Publication 1588

Measurement and modelling of friction of rubber.

The 2nd European Conference on constitutive models for rubber, Hannover, Germany.

Gough, J. Muhr, A.H, Kwong, M.

Publication 1706

Measurement and modelling of friction of rubber.

The 2nd European Conference on constitutive models for rubber, Hannover, Germany, September 2001

Dr. A.H. Muhr co-authored with J. Gough and M. Kwong (Sime tyre technology centre, Malaysia)

Staff lecture

Mechanical properties of elastomeric base isolators.

10th European Conference on Earthquake Engineering, Vienna, August 1994.

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Publication 1518

Modelling inelastic stress-strain phenomena and a scheme for efficient experimental characterization.

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A.H. Muhr, & J.G.R. Kingston and D. Besdo & J. Ihlemann (Institute of Mechanics, University of Hannover, Germany)

Publication 1722

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Plastics, Rubber and Composites Processing and Applications, 1997, 26, 451-61. First presented at IRC 96, International Rubber Conference, 17-21 June 1996, Manchester, UK.

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Publication 1558

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Publication 1429

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H.R. Ahmadi, K.N.G. Fuller and A.H. Muhr

Publication 1576

On the dynamic properties of natural rubber and epoxidised natural rubber.

Damping '93, San Francisco, February 1993.

K.N.G. Fuller, H.R. Ahmadi and A.H. Muhr

Publication 1465

Optimisation of visco-elastic elasto-plastic and viscous dampers, shock transmitters and rolling-ball systems in the frame work of EC-funded Reeds project.

International Post SMiRT Seminar on Seismic Isolation, Passive Energy Dissipation and Active Control of Vibrations of Structures. Cheju, Korea. 23-25 August 1999.

K.N.G. Fuller, H.R. Ahmadi and A.H. Muhr (with 18 co-authors from Italy, France and Portugal)

Publication 1659

Optimization of high damping rubber bearings and development of rolling-ball rubber-layer systems for base-isolation.

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K.N.G. Fuller, A.H. Muhr, M. Forni (ENEA, Bologna), F. Bettinali (ENEL, Milan), C. Mazzieri (Ari, Genova) and J. Eibl and K.H. Hehn (University of Karlsruhe)

Publication 1593

Predicting response of non-linear high damping rubber isolation systems.

Eleventh World Conference on Earthquake Engineering, Acapulco, Mexico, June 23-28, 1996.

H.R. Ahmadi, K.N.G. Fuller and A.H. Muhr

Publication 1567

Prediction of performance of base isolation systems utilizing high damping natural rubber.

Presented at the 1993 Pressure Vessels and Piping Conference, Denver, Colorado, July. In PVP Vol. 256-2, Seismic engineering - 1993: Technology in a global society, edited by Y.K. Tang. New York: ASME, 1993. pp 121-27.

H.R. Ahmadi and A.H. Muhr

Publication 1487

Prediction of post-yield behaviour for isolated structures.

Proceedings of the Sixth SECED conference on seismic design practice into the next century. Oxford, 26-27 March, 1998. Edited by Edmund Booth. Rotterdam: AA Balkema, 1998, pp407-415.

H.R. Ahmadi, A.H. Muhr and F. Ruiz-Roso

Publication 1624

Prediction of state of cure throughout rubber components using finite element analysis.

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I.H. Gregory, A.H. Muhr and A.B. Imizan (Student, University of North London)

Publication 1609

Properties of rubber compounds for engineering applications.

Journal of Natural Rubber Research, 1992, 7, 14-37.

A.H. Muhr

Publication 1408

Rolling-ball isolation system for light structures.

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J.W. Cook (BTR Silvertown, Burton-on-Trent), A.H. Muhr, M. Sulong and A.G. Thomas (Queen Mary & Westfield College, London)

Publication 1594

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A.H. Muhr, A.G. Thomas (Queen Mary & Westfield College, London) and M. Sulong

Publication 1606

Rubber abrasion and its relation to material properties.

Meeting of the Rubber Division, American Chemical Society, Toronto, May 1991. Paper 45.

A.H. Muhr and A.D. Roberts

Publication 1362

Rubber abrasion and wear.

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A.H. Muhr and A.D. Roberts

Publication 1425

Seismic risk mitigation of light structures by means of novel rolling-ball rubber layer systems.

The 5th world congress on joints, bearings and seismic systems for concrete structures, Rome, Italy, October 2001

Dr. A.H. Muhr co-authored with F. Bettinali, S. Bellorini, G. Bergamo (Enel Hydro, Ital) and A. Dichl (Alstom, Lyon, France)

Publication 1708

Shear load-deflection behaviour of compressed rubber blocks.

Presented at Rubbercon 92, Brighton, 14-19 June, 1992. 7 pages.

L.J. Fan, A.H. Muhr, B. Parsons and A.G. Thomas

Publication 1420

Simulation of crack propagation in rubber.

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A.H. Muhr and C. Timbrell, M. Wichahn & G. Cook (Zentech International Ltd, UK)

Publication 1724

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H.R. Ahmadi and A.H. Muhr

Publication 1687

Simulation of the rotary shear experiment through the overlay method.

Proceedings of 2003 ABAQUS Users' Conference, Munich, Germany, 4th- 6th June 2003.

H R Ahmadi, A H Muhr, L.A. Gracia and B. Gómez (Instituto Tecnológico de Aragon, Zaragoza-Spain)

Publication 1713

Stiffness and fracture analysis of bonded rubber blocks in simple shear.

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I.H. Gregory and A.H. Muhr

Publication 1523

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Publication 1678 nfs

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Contact Stress Analysis, edited by A.D. Roberts and J.E. Mottershead. London: Institute of Physics, 1990, pp 63-78.

V.A. Coveney, K.N.G. Fuller and A.H. Muhr

Publication 1309

The use of rubber noise-stop pads in vibration isolation systems.

Proceedings, Institute of Acoustics, 1990, 12 (Part 1), 417-27.

A.H. Muhr

Publication 1311

Use of rubber to suppress ringing of metal components.

Presented at the Institute of Materials Conference 'Quieter transport with rubber shock, vibration and noise control for the benefit of user and environment', University of the West of England, Bristol, April 1994.

H.R. Ahmadi and A.H. Muhr

Publication 1498.

Use of rubbery materials to reduce noise.

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H.R. Ahmadi and A.H. Muhr

Publication 1469

Vibration control using rubber components.

International Journal of Materials and Product Technology, 1992, 7, 1, 65-88.

H.R. Ahmadi and A.H. Muhr

Publication 1403

ROBERTS, A. D.

A guide to estimating the friction of rubber.

Rubber Chemistry and Technology, 1992, 65, 673-86. Presented at the American Chemical Society, Rubber Division Spring Meeting, Mexico City, May 1989.

A.D. Roberts

Publication 1265

A new rubber friction test machine.

Presented at 143rd Spring Technical Meeting of the Rubber Division of the American Chemical Society, May 18-21, 1993, Denver, Colorado. Joint paper with A.F. Alliston-Greiner (Plint and Partners, Wokingham).

A.D. Roberts

Publication 1467

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Langmuir, 1992, 8, 1479-86.

A.D. Roberts

Publication 1399

Comfort and frictional properties of dental gloves.

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A.D. Roberts and C.A. Brackley

Publication 1566

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International Rubber Conference IRC, Paris, June 1990. Revue Generale des Caoutchoucs et Plastiques, 1990, no. 696, May, 222-224.

A.D. Roberts

Publication 1319

Effect of process aids on surface friction of raw rubber.

Journal of Natural Rubber Research, 1990, 5(1), 1-51.

E.L. Ong (RRIM) and A.D. Roberts
Publication 1327

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A.V. Chapman Co-authored with A.D. Roberts

Staff lecture.

Friction - adhesion aspects.

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A.D. Roberts

Publication 1461

Friction of epoxidized natural rubber.

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A.D. Roberts

Publication 1315

Friction of rubber lubricated by aqueous solutions of different acidity/alkalinity.

Journal of Natural Rubber Research, 1994, 9, 190-204

S.C. Richards and A.D. Roberts

Publication 1535

Friction of surgeon's gloves.

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A.D. Roberts and C.A. Brackley

Publication 1384

Friction tests of rubber.

Proceedings of the COMMETT Conference - Quality control and evolution of natural and synthetic elastomers, Le Mans, March 1995.

A.D. Roberts

Publication 1522

The friction of various rubber articles lubricated with acid and alkaline water.

Journal of Natural Rubber Research, 1995, 10, 218-27

S.C. Richards and A.D. Roberts

Publication 1571

Influence of proteinaceous material on rolling friction of rubber against ice, glace and PMMA.

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A.D. Roberts, R. Pitrola and P. Barnes

Publication 1458

Influence of proteinaceous material on the sliding friction of rubber against ice.

Journal of Natural Rubber Research, 1993, 8, 21-30.

A.D. Roberts, R. Pitrola and P. Barnes (Birkbeck College)

Publication 1475

Improvements in quality control and performance of retreaded tyres.

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A.D. Roberts

Publication 1637

Improvements in quality control and performance of retreaded tyres.

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F.R. Block and K. Kriegel (Tech. University of N. Rhine), E. Naujoks (Telemeasurement GmbH), A.D. Roberts and R. Weiser (Telemeasurement GmbH)

Publication 1638

Longevity of natural rubber structural bearings.

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K.N.G. Fuller and A.D. Roberts

Publication 1605

New rubber friction testing machine.

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A.D. Roberts

Publication 1493

Quality control and performance of retreaded tyres.

Proceedings of the 'Rewas'99: Global Symposium on Recycling, Waste Treatment and Clean Technology', San Sebastian, Spain. 5-9 September 1999. Volume 1, pp 401-407

J. O'Connell (Bandvaule Remoulds, Ivybridge, UK), A.D. Roberts, F.R. Block (RWTH.AA, Aachen, Germany) and K.A. Grosch (Consultant, Roetgen-Rott, Germany)

Publication 1679

Rubber abrasion and its relation to material properties.

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A.H. Muhr and A.D. Roberts

Publication 1362

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Wear, 1992, 158, 313-228.

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Publication 1425

Rubber adhesion variation with dwell time: influence of polymer type, substrate and environment.

Adhesion 14, edited by K.W. Allen. London: Elsevier Applied Science, 1990. pp 51-70.

A.D. Roberts

Publication 1390

Rubber friction: a reappraisal of the visco-elastic response.

Presented at the International Rubber Conference IRC, Prague, Czechoslovakia, August 1989. 19 pp.

A.D. Roberts

Publication 1391

Short duration sliding contacts between elastomers and smooth rigid substrates: exploratory studies with an instrumented pendulum skid tester.

Wear, 232, (1999), 122-130.

A. Cunningham, K.R. Andrew (Department of Physics and Applied Physics, University of Strathclyde) and A.D. Roberts

Publication 1665

Skin adhesion to rubber.

Adhesion - preprints of European conference, 12-15 September, 1994, Mulhouse, France, pp 309-313.

A.D. Roberts

Publication 1550

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A.D. Roberts

Publication 1639

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Journal of Applied Polymer Science: Applied Polymer Symposium 50, 321-330. Presented at the International seminar on elastomers, Kurume, Japan, November 1990.

A.D. Roberts

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A.D. Roberts

Publication 1600

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Rubber Chemistry and Technology, Vol 63, No 5, 1990, 722-733. Presented at American Chemical Society, Rubber Division Meeting, Las Vegas, May 29-June 1, 1990.

A.D. Roberts and C.A. Brackley

Publication 1318

Temperature rise produced on an ice surface by a rubber slider.

Journal of Natural Rubber Research, 1993, 8, 163-75.

A.D. Roberts

Publication 1496

Thickness of aqueous boundary films in static rubber/glass and rubber/rubber contacts.

Journal of Natural Rubber Research, 1995, 10, 154-169.

S.C. Richards, A.D. Roberts and P. Barnes (Birkbeck College)

Publication 1556

Winter and all-season tyres.

Presented at the 141st Meeting of the Rubber Division of the American Chemical Society, Louisville, Kentucky, May 1992. 26 pages. Reprinted in Tribology International, 1993, 26, 285-292.

A.D. Roberts

Publication 1398

THOMAS, A.G.**A fracture mechanics study of natural rubber-to-metal bond failure.**

Journal of Adhesion Science and Technology, 1996, 10, 593-616.

A.H. Muhr, A.G. Thomas (Queen Mary and Westfield College, University of London) and J.K. Varkey (Rubber Research Institute of India, Kottayam, Kerala)

Publication 1583

A semi-empirical theory for deriving isochronal stress-strain curves of rubbers.

Journal of Natural Rubber Research, 1993, 8, 12-20

A.G. Thomas and C.L. Lim (RRIM)

Publication 1474

Bi-axial experimental techniques highlighting the limitations of a strain-energy description of rubber.

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H.R. Ahmadi, J. Gough, A.H. Muhr and A.G. Thomas (Queen Mary and Westfield College, London, UK)
Publication 1661

Design of laminated elastomeric bearings for base isolation.

International meeting on Earthquake Protection of Buildings,
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A.H. Muhr and A.G. Thomas
Publication 1355

Earthquake protection.

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V.A. Coveney, K.N.G. Fuller and A.G. Thomas
Publication 1422

The effect of low temperature crystallization on the mechanical behaviour of rubber.

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Publication 1684

Effects of hydrostatic pressure on crack growth in elastomers.

Polymer, 1992, 33, 4069-74.
G.J. Lake, A.G. Thomas and C.C. Lawrence (Polytechnic of East London)
Publication 1427

Exudation of plasticiser from vulcanised rubbers.

Journal of Natural Rubber Research, 1991, 6, 30-38.
K. Muniandy and A.G. Thomas
Publication 1360

Fracture mechanics approach to failure of rubber-rigid substrate joints.

Adhesion '99. 7th International Conference on Adhesion and Adhesives. Churchill College, Cambridge, UK.
15-17 September 1999.
M.S.D. Fernando, G.J. Lake, C.C. Lawrence (University of East London, UK), E. Ostman, S. Persson
(Svedala-Skega AB, Sweden), E. Southern (SK Bearings, Cambridge, UK) and A.G. Thomas (University of
East London, UK)
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