

Advanced Vehicle Dynamics (Semester 1)

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Balkwill, J. (2018) Performance vehicle dynamics: engineering and applications. Oxford: Butterworth-Heinemann. Available at:
<https://linker2.worldcat.org/?jHome=https%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Fwww.vlebooks.com%2Fvleweb%2Fproduct%2Fopenreader%3Fid%3DOxfBrookes%26isbn%3D9780128126943%26uid%3D%5Eu&linktype=best&jHomeSig=651e6f0aeaf8d94ba9862f1369185b37bd915d40b2c8f4ee63a98d2d70c07014>.

Blundell, M. and Harty, D. (2004) Multibody systems approach to vehicle dynamics. Oxford: Butterworth-Heinemann. Available at:
<https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?docID=288839>.

Blundell, M. and Harty, D. (2015) The multibody systems approach to vehicle dynamics. Second edition. Amsterdam: Butterworth-Heinemann. Available at:
<https://linker2.worldcat.org/?jHome=https%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Fwww.vlebooks.com%2Fvleweb%2Fproduct%2Fopenreader%3Fid%3DOxfBrookes%26isbn%3D9780080994284%26uid%3D%5Eu&linktype=best&jHomeSig=1a9c7aa94e3ed080d5478f3770072859b67a2df369435efabf7c7a55d9f8589e>.

Dukkipati, Rao V. (2000) Vehicle dynamics. Delhi: Narosa.

French, Tom (1989) Tyre technology. Bristol: A. Hilger.

Genta, G. (1997) Motor vehicle dynamics: modeling and simulation. Singapore: World Scientific. Available at:
<https://linker2.worldcat.org/?jHome=https%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Fwww.vlebooks.com%2Fvleweb%2Fproduct%2Fopenreader%3Fid%3DOxfBrookes%26isbn%3D9789812819765%26uid%3D%5Eu&linktype=best&jHomeSig=08e26b1a560cc6444e96405e6ccfeb2cba089a7d155c69cf2b8101d02fc53174>.

Genta, G. and Genta, A. (2015) Road vehicle dynamics. New Jersey: World Scientific. Available at:
<https://linker2.worldcat.org/?jHome=https%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Fwww.vlebooks.com%2Fvleweb%2Fproduct%2Fopenreader%3Fid%3DOxfBrookes%26isbn%3D9789814713443%26uid%3D%5Eu&linktype=best&jHomeSig=e35a0888b1c7502df4be9cc1e33f10c76d3a515cce84d60708774b33f276dab0>.

Gillespie, T. D. (1992) Fundamentals of vehicle dynamics. Warrendale, Pa: Society of Automotive Engineers. Available at:
<https://linker2.worldcat.org/?jHome=https%3A%2F%2Foxfordbrookes.idm.oclc.org%2Flogin%3Furl%3Dhttps%3A%2F%2Fsearch.ebscohost.com%2Flogin.aspx%3Fdirect%3Dtrue%26scope%3Dsite%26db%3Dnlebk%26AN%3D3040054&linktype=best&jHomeSig=31432fbc41e022212a3b44c6d50843d05639862b78a37d6094758f1e9050eb04>.

Gillespie, T.D. (2021) Fundamentals of vehicle dynamics. Revised edition. Edited by S. Taheri, C. Sandu, and B.L. Duprey. Warrendale, Pennsylvania: SAE International. Available at:
<https://oxfordbrookes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=3040054&site=ehost-live>.

Haney, Paul and Society of Automotive Engineers (2003) The racing & high-performance tire: using the tires to tune for grip and balance. Warrendale, Pa: Society of Automotive Engineers.

Hillier, V. A. W. (2012) Hillier's fundamentals of automotive electronics: Book 2. 6th ed. Cheltenham: Nelson Thornes.

Hillier, V. A. W., Calex UK., and Institute of the Motor Industry (2012) Hillier's fundamentals of motor vehicle technology: Book 1. 6th ed. Cheltenham: Nelson Thornes. Available at:
<http://www.vlebooks.com.oxfordbrookes.idm.oclc.org/Vleweb/Product/Index/430818?page=0>.

Milliken, William F. and Milliken, Douglas L. (1995) Race car vehicle dynamics. Warrendale, Pa: Society of Automotive Engineers.

Reimpell,
Jo

rnsen and Stoll, Helmut (1996) Automotive chassis: engineering principles. London: Edward Arnold. Available at:
<http://www.vlebooks.com.oxfordbrookes.idm.oclc.org/Vleweb/Product/Index/35016?page=0>.

Smith, Carroll (1978) Tune to win. Fallbrook, Calif: Aero.

Smith, Carroll (1984) Engineer to win. Osceola, Wis: Motorbooks International.

Smith, Josh (2013) Smith's fundamentals of motorsport engineering. Cheltenham: Nelson Thornes.

Staniforth, Allan (2006) Competition car suspension: a practical handbook. 4th ed. Sparkford: Haynes.

Wong, J. Y. (2008) Theory of ground vehicles. 4th ed. Hoboken, N.J.: Wiley.

Wright, Peter (2001) Formula 1 technology. Warrendale, Pa: Society of Automotive Engineers. Available at:
<https://oxfordbrookes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=3039893&site=ehost-live>.