ME5622 - Structural Integrity and FEA

View Online

Lecturer: Dr Rade Vignjevic

@book{Bathe_1982, address={Englewood Cliffs}, title={Finite element procedures in engineering analysis}, publisher={Prentice-Hall}, author={Bathe, Klaus-Jèurgen}, year={1982} }

@book{Beer_Watson_1992, address={Chichester}, title={Introduction to finite and boundary element methods for engineers}, publisher={New York}, author={Beer, G. and Watson, J. O.}, year={1992} }

@book{Burnett_1987, address={Reading, Mass}, title={Finite element analysis: from concepts to applications}, publisher={Addison-Wesley Pub. Co}, author={Burnett, David S.}, year={1987} }

@book{Chandrupatla_Belegundu_2011, address={Upper Saddle River,NJ}, edition={4th ed}, title={Introduction to finite elements in engineering}, url={http://lib.myilibrary.com/browse/open.asp?id=525359&entityid=https://idp.brunel.ac.uk/entity}, publisher={Prentice Hall}, author={Chandrupatla, Tirupathi R. and Belegundu, Ashok D.}, year={2011} }

@book{Cook_1995, address={New York}, title={Finite element modeling for stress analysis}, publisher={John Wiley}, author={Cook, Robert Davis}, year={1995} }

@book{Cook_Cook_2002, address={Hoboken, NJ}, edition={4th ed}, title={Concepts and applications of finite element analysis}, publisher={Wiley}, author={Cook, Robert Davis and Cook, Robert Davis}, year={2002} }

@book{Desai_1979, address={Englewood Cliffs}, title={Elementary finite element method}, publisher={Prentice-Hall}, author={Desai, Chandrakant S.}, year={1979} }

@book{Fung_Tong_Chen_2016, address={New Jersey}, edition={Second edition}, title={Classical and computational solid mechanics}, volume={volume 2}, publisher={World Scientific}, author={Fung, Y. C. and Tong, Pin and Chen, Xiao Hong}, year={2016} }

@book{Grandin_1986, address={New York}, title={Fundamentals of the finite element method}, publisher={Macmillan}, author={Grandin, Hartley}, year={1986} }

@book{Huebner_Dewhirst_Smith_Byrom_2001, address={New York}, edition={4th ed}, title={The finite element method for engineers}, publisher={Wiley}, author={Huebner, Kenneth H. and Dewhirst, Donald L. and Smith, Douglas E. and Byrom, Ted G.}, year={2001} }

@book{Knight_1993, address={Boston}, title={The finite element method in mechanical design}, publisher={PWS-Kent Pub. Co}, author={Knight, Charles E.}, year={1993} }

@book{Logan_2017a, address={Boston, MA, USA}, edition={Sixth edition}, title={A first course in the finite element method}, publisher={Cengage Learning}, author={Logan, Daryl L.}, year={2017} }

@book{Logan_2017b, address={Boston, MA, USA}, edition={Sixth edition}, title={A first course in the finite element method}, publisher={Cengage Learning}, author={Logan, Daryl L.}, year={2017} }

@book{Moaveni_2015, address={Boston}, edition={Fourth Edition}, title={Finite element analysis: theory and application with ANSYS}, url={http://lib.myilibrary.com/browse/open.asp?id=719582&entityid=https://idp.brunel.ac.uk/entity}, publisher={Pearson}, author={Moaveni, Saeed}, year={2015} }

@book{Pao_1986, address={Boston, Mass}, title={A first course in finite element analysis}, publisher={Allyn and Bacon}, author={Pao, Y. C.}, year={1986} }

@book{Pepper_Heinrich_2017, address={Boca Raton}, edition={Third edition}, title={The finite element method: basic concepts and applications with MATLAB, MAPLE, and COMSOL}, publisher={CRC Press, Taylor & Francis Group, an Informa business}, author={Pepper, Darrell W. and Heinrich, Juan C.}, year={2017} }

@book{Rao_2018, address={Oxford, United Kingdom}, edition={Sixth Edition}, title={The finite element method in engineering}, publisher={Butterworth-Heinemann, an imprint of Elsevier}, author={Rao, Singiresu S.}, year={2018} }

@book{Reddy_2019, address={New York}, edition={Fourth edition}, title={Introduction to the finite element method}, publisher={McGraw Hill Education}, author={Reddy, J. N.}, year={2019} }

@book{Ross_1990, address={New York}, title={Finite element methods in engineering science}, publisher={Ellis Horwood}, author={Ross, C. T. F.}, year={1990} }

@book{Stasa_1985, address={New York}, title={Applied finite element analysis for engineers}, publisher={Holt, Rinehart and Winston}, author={Stasa, Frank L.}, year={1985} }

@book{Zienkiewicz_Taylor_2000, address={Oxford}, edition={5th ed}, title={The finite element method}, publisher={Butterworth}, author={Zienkiewicz, O. C. and Taylor, R. L.}, year={2000} }

@book{Zienkiewicz_Taylor_Zhu_2005, address={Oxford}, edition={6th ed}, title={The finite element method: it's basis and fundamentals}, url={http://lib.myilibrary.com?id=101652&entityid=https://idp.brunel.ac.uk/entity}, publisher={Butterworth-Heinemann}, author={Zienkiewicz, O. C. and Taylor, Robert L. and Zhu, J. Z.}, year={2005} }