

Bibliografía

- [1] Milella P.P., 2013, *Fatigue and Corrosion in Metals*, editado por Springer.
- [2] Bannantine J.A., Comer J.J., Handrock J.L., *Fundamentals of Metal Fatigue Analysis*, editado por Prentice Hall.
- [3] Wöhler, A., 1871, Test to determine the forces acting on railway carriage axles and the capacity of resistance of the axles, *Engineering* 11, pp. 199.
- [4] Papadopoulos, I. V., Davoli, P., Gorla, C., Filippini, M., Bernasconi, A. (1997) "A comparative study of multiaxial high-cycle fatigue criteria for metals", *Int. J. Fatigue*, Vol. 19, No. 3, 219-235. *Engnrs*, 20, 257-265.
- [5] Dang Van, K., Griveau, B. & Message, O. (1989), "On a New Multiaxial Fatigue Limit Criterion: Theory and Application", *Biaxial and Multiaxial Fatigue*, EGF 3, M. W. Brown & K. J. Miller, Eds., *Mech. Eng. Publ.*, 479-496.
- [6] Papadopoulos, I. V. (1995), "A High-Cycle Fatigue Criterion Applied in Biaxial and Triaxial Out-of-Phase Stress Conditions", *Fatigue Fract. Engng Mater. Struct.*, 18, 79-91.
- [7] Neuber, H., 1937, *Kerbspannungslehre*, Springer-Verlag; también *Theory of notches*, Edwards, J. W., Ann Arbor, MI, 1946.
- [8] Peterson, R. E., 1959, *Notch sensitivity*, Chapter 13, *Metal fatigue*, McGraw-Hill, New York.
- [9] Taylor, D., 1999, Geometrical effects in fatigue: a unifying theoretical approach, *Int. J. Fat.*, Vol. 21, pp. 413-420.
- [10] Navarro A. Tesis Doctoral: Crecimiento de microgrietas por fatiga: Una aproximación microestructural. Universidad de Sevilla; 1986.

-
- [11] Navarro, A., De los Ríos, E.R., 1992, Fatigue crack growth modelling by successive blocking of dislocations, *Proc. R. Soc. Lond.* 437, 375-390
 - [12] Bilby BA, Cottrell AH, Swinden KH. The spread of plastic yield from a notch. *Proc R Soc A* 1963;272:304-314.
 - [13] Chaves V. Tesis Doctoral: Modelo microestructural para la predicción de fallo por fatiga en entallas. Universidad de Sevilla; 2006.
 - [14] Chaves V, Navarro A. Application of a microstructural model for predicting notch fatigue limits under Mode I loading. *Int J Fatigue* 2009;31:943-951.
 - [15] Chaves V., Navarro A., Fatigue limits for notches of arbitrary profile. *Int. J Fatigue* (2013) 68-79.
 - [16] Muskhelishvili NI. Singular integral equations. P. Noordhoff, Groningen, The Netherlands; 1953.
 - [17] Ioakimidis N.I., The numerical solution of crack problems in plane elasticity in the case of loading discontinuities. *Engineering Fracture Mechanics*, Vol 13. 709-716
 - [18] Ioakimidis N.I., On the Validity of the Singular Integral Equations of Elasticity Problems at Points of Loading Discontinuities. *Acta Mechanica*.50,127-134 (1983)
 - [19] De los Ríos E.R., Navarro A. , Consideration of grain orientation and work hardening on short-fatigue-crack modelling. *Phil Mag A* 1990;61(3):435-449.
 - [20] Vallengano C., Navarro A., Dominguez J. Fatigue crack growth threshold conditions at notches. Part I: theory. *Fatigue Fract Eng Mater Struct* 2000;23:113-121.
 - [21] Chaves V., Navarro A., Beretta G., Madrigal C. Microestructural model for predicting high cycle fatigue strength in the presence of holes under proportional biaxial loading. *Theoretical and Applied Fracture Mechanics*.
 - [22] Navarro A., Vallengano C., Chaves V., Madrigal C. A microestructural model for biaxial fatigue conditions. *Int J Fatigue* 2011;33:1048-54.

-
- [23] Chaves V., Navarro A., Madrigal C., Vallengano C. Calculating crack initiation directions for in-phase biaxial fatigue loading. *Int J. Fatigue* (2013).
- [24] Chaves V., Navarro A. Fatigue limits for notches of arbitrary profile. *Int J Fatigue* 2013;48:68-79.
- [25] Erdogan, F., Gupta, G. D. and Cook, T. S., 1973, *Mechanics of fracture. Methods of analysis and solutions of crack problems*, Capítulo 7 en: *Numerical solution of singular integral equations*, editado por G. C. Sih, Noordhoff International Publishing, Leyden.
- [26] Hills, D. A., Kelly, P. A., Dai, D. N. and Korsunsky, A. M., 1996, *Solution of cracks problems, the distributed dislocation technique*, Kluwer academic publishers.
- [27] Feng Li, Yuting He, Chaohua Fan, Hongpeng Li, Hengxi Zhang. Investigation on three-dimensional stress concentration of LY12-CZ plate with two equal circular holes under tension. *Materials Science and Engineering A*, 2008. 474-476
- [28] Abd Elhady A.A., Stress and strain concentration factors for plate with small notch subjected to biaxial loading - Three dimensional finite element analysis. *Ain Shams Engineering Journal* (2010)1. 139-145
- [29] Zheng Yang, Chang-Boo Kim, Chongdu Cho, Hyeon Gyu Beom. The concentration of stress and strain in finite thickness elastic plate containing a circular hole. *International Journal of Solids and Structures* 45 (2008). 713-731
- [30] Cho-Chung Liang, Ching-Yu Hsu, Wei Chen. Curvature effect on stress concentrations around circular hole in opened shallow cylindrical shell under external pressure. *International Journal of Pressure Vessels and Piping* 75. (1998) 749-763.
- [31] Hwai-Chung Wu, Bin Mu. On stress concentrations for isotropic/orthotropic plates and cylinders with a circular hole. *Composites: Part B* 34 (2003) 127-134

-
- [32] E.s. Folias, J.J. Wang. On the three-dimensional stress field around a circular hole in a plate of arbitrary thickness. *Computational Mechanics* (1990)6, 379-391.
 - [33] Navarro A, Vallellano C, de los Rios ER, Xin XJ. Notch sensitivity and size effects by a short crack propagation model. In: *Engineering against fatigue, proc of an international conference*. Rotterdam, Sheffield (UK): A.A. Balkema Publishers; 1997.
 - [34] Timoshenko S, Goodier JN. *Theory of elasticity*, McGraw-Hill; 1934.
 - [35] Bettinelli S. *Sviluppodi metodologieinnovativeper l'analisi della resistenza a fatica dei materiali e dei componenti meccanici*. Tesi di Laurea, Università degli studi di Padova. Supervisor: Prof. Roberto To-vo. 2006.
 - [36] V.Chaves, C.Madrigal, A.Navarro. Ensayos de fatiga biaxial y análisis de la dirección de grieta del acero AISI 304-L. XXXI Encuentro del Grupo Español de Fractura. Abril 2014.
 - [37] ASTM E 466 -07. Standard Practice for Conducting Force Controlled Constant Amplitude Axial Fatigue Test of Metallic Materials
 - [38] ASTM E 739 - 91. Standard Practice for Statistical Analysis of Linear or Linearized Stress-Life (S-N) and Strain-Life (ϵ -N) Fatigue Data