

Références bibliographiques

- [1] **O. C. Zienkiewicz**, La méthode des éléments finis version française 3^{ème} édition, McGraw-Hill, 1979.
- [2] **J. C. Craveur**, Modélisation des structures (calcul par éléments finis), Masson, Paris, 1996.
- [3] **H. Eschenauer, N. Olhoff, W. Schnell**, APPlied structural mechanics, Springer 1997.
- [4] **T. Deski**, Code de calcul de structures par éléments finis en grandes transformations, Laboratoire génie mécanique et matériaux université de Bretagne sud, 1999.
- [5] **P. Pégon, P. Guélin**, Finite strain plasticity in converted frames. International journal for numerical methods in engineering, volume 22:521-545, 1986.
- [6] **P. Y. Manach, D. Favier, G. Rio**. Finite element simulation of internal stresses generated during the ferroelastic deformation of Nitinol bodies. Suppl. Journal de physique IV, volume 6:235-244, Janvier 1996.
- [7] **S. S. Rao**. The finite element method in engineering. Pergamon press, 1980. second edition.
- [8] **G. Dhatt, G. Touzot**. Une présentation de la méthode des éléments finis, collection université de Compiègne, édition Maloine, Paris, 1984.
- [9] **H. Kardestuncer, D. H. Norrie**. Finite element handbook. McGraw-Hill Book company, New-York, 1987.
- [10] **A. Houmat**. Free vibration analysis of membranes using the $h-p$ version of the finite element method, Journal of sound and vibration 2004.
- [11] **K. M. Liew, C. M. Wang, Y. Xiang**, Vibration of Mindlin plate-programming the p-version Ritz method, Elsevier, 1998.
- [12] **Y. K. Cheung, D. Zhou**. Three-dimensional vibration analysis of cantilevered and completely free isosceles triangular plates, international journal of solids and structures, Pergamon, 2001.
- [13] **S. Kitipornchai, K. M. Liew, C. M. Wang**. Free vibration of isosceles triangular Mindlin plate, Int. J. Mech. Sci. 35, 89-102, 1993.
- [14] **S. Mirza, Y. Alizadeh**. Free vibration of partially supported triangular plates. Computers & structures 51, 143-150, 1994.

- [15] **C. S. Kim, S. M. Dickinson.** The free flexural vibration of right triangular isotropic and orthotropic plates, journal of sound and vibration, 141, 291-311, 1990.
- [16] **S. Mirza, Bijilani.** Vibration of triangular plates, AIAA Jnl 21, 1472-1475, 1983.
- [17] **R. M. Christensen,** Vibration of a 45° right triangular cantilever plate by grid work method, AIAA Jnl 1, 1790-1795, 1963.
- [18] **R. B. Bhat.** Flexural vibration of polygonal plates using characteristic orthogonal polynomials in two variables, journal of sound and vibration, 114, 65-71, 1987.
- [19] **P. N. Gustafson, W. F. Stokey, C. F. Zorowski.** An experimental study of vibrations of cantilevered triangular plates, J. Aeronaut. Sci. 20, 331-337, 1953.
- [20] **M. M. Akkari, J. R. Hutchinson.** An alternative B.E.M applied to plate vibrations. (boundary element VII), Eds C. A. Brebbia et G.Maier, Springer, Verlag, Vol 1, pp 111-126, 1985.
- [21] **N. S. Bardell,** The free vibration of skew plates using the hierarchical finite element method, computers and structures vol.45, N°5/6,pp 841-874, 1992.
- [22] **E. Reissner,** The effect of transverse shear deformation on the bending of elastic plates, J.of Appl. Mech., Vol. 69-77, 1945.
- [23] **Y. S. Uflyand,** The propagation of waves in the transverse vibrations of bars and plates, Akad. Nauk. SSSR, Prikl.mat. Mech., Vol. 287-300, 1948.
- [24] **R. D. Mindlin,** Influence of rotatory inertia and shear on flexural motions of isotropic, elastic plates, Journal of applied mechanics, 18, 31-38, 1951
- [25] **A.E. H. LOVE,** On the small free vibrations and deformation of elastic shells, Philosophical trans. Of the royal society (London), 1888, Vol. série A, N° 17 P.491-549.
- [26] **J. E. Lagnese, J. L. Lions,** Modeling analysis and control of thin plates. Masson1988.
- [27] **Thomas Gmür,** Dynamique des structures analyse modale numérique. Presses polytechniques et universitaires, Romandes 1997.
- [28] **L. Raileigh,** Theory of sound, vol.1& vol.2.DoverPub. 1945.
- [29] **S. Timoshenko,** On the correction of transverse shear deformation of the differential equations for transverse vibrations of prismatic bars. Phil. Mag ., 1921.Vol.6, N°41 p.742.
- [30] **A. G. Peano,** Hierarchies of conforming finite elements. D.Sc. Dissertation, sever institute of technology, Washington university, St, Louis, MO. 1975.
- [31] **I. Babuska, B. A. Szabo, I, N, Katz,** The p version of the finite method. Siam J. NuMer. ANAL. Vol. 18.No.3. 1981.

- [32] **W. Gui, I. Babuska**, The h, p and h-p versions of the finite element method in 1 dimension. Part I. 1996.
- [33] **N. S. Bardell, J. M. Dunsdon, R. S. Langley**, Free vibration analysis of thin rectangular laminated plate assemblies using the h-p version of the finite element method. Composites structures.32, 238-246, 1995.
- [34] **A. Houmat**. Cours du mécanique des milieux continus, poste graduation, 2002-2003