

B I B L I O G R A P H Y

B I B L I O G R A P H Y

1. J. L. Lagrange, "History of the Theory of Elasticity", 1811.
2. G. R. Kirchhoff, Crelle J. Vol. 40, No. 51, 1850.
3. F. Gehring, "De Acquatationibus Differentialibus Quibus Acquilibrum et motus Laminae Crystallinae Diffininutur", 1860.
4. G. R. Kirchhoff, "Vorlesungen Uber Mathematische, Physik, Mechanik", 2nd Edn., 1883.
5. Lord Rayleigh, "On The Free Vibrations Of An Inflinite Plate Of Homogeneous Isotropic Elastic Matter", Proc. London Math. Soci., London, Vol. 10, 1889, pp 225 - 234.
6. A. Föppl, Vorlesungen Uber Technische Mechanik, Bd. 5, Leipzig, 24, 1907, p 132.
7. T. Von - Kármán, "Festigkeitsprobleme in Maschinenbau", Encyklopadie der Mathematischem Wissenschaften, Bd. IV 2, II, Leipzig, 8, 1910, pp 348 - 351.
8. H. Lamb, "On Waves In An Elastic Plate", Proc. Royal Soci. London, Series A, Vol. 93, 1917, pp 114 - 128.
9. S. Way, "Bending Of Circular Plates With Large Deflections", J. Appl. Mech. TRANS, ASME. Vol. 59, 1934, p 637.
10. S. Timoshenko, "Vibration Problems In Engineering", 2nd Edn. D. Van Nostrand Company, Inc. N. Y., 1937.
11. S. Way, "Uniformly Loaded Clamped Rectangular Plates With Large Deflections", Proc. 5th Int. Cong. Appl. Mech., Cambridge, Mass, 1938, p 123.

12. T. Von Kármán and H. Tsien, "The Buckling Of Thin Cylindrical Shells Under Axial Compression", Journal of Aeronautical Science, Vol. 8, 1941, pp 303 - 305.
13. S. Levy, "Bending Of Rectangular Plates With Large Deflections, N A C A T R 737, 1942.
14. S. Levy, "Square Plate With Clamped Edges Under Normal Pressure Producing Large Deflections", N A C A T R 740, 1942.
15. S. Levy and S. Greenman, "Bending With Large Deflections Of A Clamped Rectangular Plate With Length - Width Ratio Of 1.5 Under Normal Pressure", N A C A T N 853, 1942.
16. A. E. H. Love, "A Treatise On The Mathematical Theory Of Elasticity", 4th Edn., Dover Publications, N. Y., 1944.
17. E. Reissner, "The Effect Of Transverse Shear Deformation On The Bending Of Elastic Plates", J. Appl. Mech., Trans A S M E Vol. 67, 1945, pp 69 - 77.
18. E. Reissner, "On The Bending Of Elastic Plates", Qly. Of Appl. Math. Vol. 5, 1947, p 55 - 68.
19. W. Z. Chien, "Large Deflection Of A Circular Clamped Plate Under Uniform Pressure", Chinese J. Physics, Vol. 7, 1947, pp 102 - 113.
20. E. Reissner, "Finite Deflection Of Sandwich Plates", J. Aero Sci., Vol. 15, July 1948, pp 435 - 440.
21. Chi - Teh Wang, "Non-Linear Large Deflection Boundary Value Problems Of Rectangular Plates", N A C A T N 1462, 1948.

22. Chi - Teh Wang, "Bending Of Rectangular Plates With Large Deflections", N A C A T N 1462, 1948.
23. Y. S. Uflyand, "The Propagation Of Waves In The Transverse Vibrations Of Bars And Plates", (in Russian), Akad, Nauk S S S R Prikl, Mat. Meh, Vol. 12, 1948, pp 287 - 300.
24. A. E. Green, "On Reissner's Theory Of Bending Of Elastic Plates", Qly. Of Appl. Math. Vol. 7, 1949, pp 223 - 225.
25. B. J. Aleck, "Thermal Stresses In A Rectangular Plate Clamped Along An Edge", J. Appl. Mech. Trans. A S M E, Vol. 71, 1949.
26. E. Reissner, "On A Variational Theorem In Elasticity", J. Math. Phys., Vol. 29, 1950, pp 90 - 95.
27. Hoff, N. J., "Bending And Buckling Of Rectangular Sandwich Plates", N A C A T N 2225, 1950.
28. R. D. Mindlin, "Influence Of Rotatory Inertia And Shear On Flexural Motions Of Isotropic Elastic Plates", J. Appl. Mech. Trans. A S M E, Vol. 18, March 1951, pp 31 - 38.
29. J. Guest, "The Buckling Of Uniformly Compressed Parallelogram Plates Having All Edges Clamped", Aero. Research Lab. Rept. S. M. 172, Australia, 1951.
30. Eringen, A. C., "Bending And Buckling Of Sandwich Plates", Proceeding Of the First U.S. National Congress Of Applied Mechanics, American Society Of Mechanical Engineers, New York, 1951, pp 281 - 390.

31. C. T. Wang, "Principle And Application Of Complementary Energy Method For Thin Homogeneous Sandwich Plates And Shells With Finite Deflections", N A C A T N, 2620, 1952, pp 1 - 33.
32. G. A. Zizicas, "Transient Thermal Stresses In Thin Isotropic Plates", I C L A, Engg. Rept. Vol. 52, No. 7, 1952.
33. W. H. Wittrick, "Buckling Of Oblique Plates With Clamped Edges Under Uniform Compression", Aero. Quart. 4, Part 2, Feb. 1953, pp 151 - 163.
34. F. S. Shaw, F. Phole and N. Perrone, "The Non-Linear Deflection Of Infinite Strip Plates", P I B A L Rept. 225, June 1953.
35. V. V. Novozhilov, "Foundations Of The Non-Linear Theory Of Elasticity", Graylock Press, 1953.
36. W. H. Wittrick, "Buckling Of Oblique Plates With Clamped Edges Under Uniform Shear", Aero. Quart. 5, Part 1, May 1954.
37. M. Hasegawa, "On Buckling Of A Clamped Rhombic Thin Plate In Shear", J. Aero. Sci. 21, 720, 1954.
38. G. Herrmann, "Influences Of Large Amplitudes On The Free Flexural Motions Of Elastic Plates", N A C A T N 3578, 1955.
39. H. M. Berger, "A New Approach To The Analysis Of Large Deflections Of Plates", J. Appl. Mech. A S M E. Vol. 22, Dec. 1955, pp 465 - 472.
40. P. J. Schneider, "Variation Of Maximum Thermal Stress In Free Plates", J. Aero. Sci., Vol. 22, 1955.

41. M. L. Williams, "Large Deflection Analysis For A Plate Strip Subjected To Normal Pressure And Heat", J. Appl. Mech. Trans. A S M E Vol. 22, No. 4, Dec. 1955, pp 458 - 464.
42. E. I. Grigoliuk, "Vibration Of A Shallow Circularly Cylindrical Panel Exhibiting Finite Deflections", Prikl. Mat. Mekh. 19, 1955, pp 376 - 382.
43. H. N. Chu and G. Herrmann, "Influence Of Large Amplitudes On Free Flexural Vibrations Of Rectangular Elastic Plates", J. Appl. Mech. Trans. A S M E Vol. 23, No. 4, Dec. 1956, pp 532 - 540.
44. A. S. Volmir, "Flexible Plates And Shells", Govt. Tech. Publ. Theo. Lit. Moscow, 1956, pp 58 - 94, 112 and 208.
45. Z. Dzygadło, "Stability Of Freely Supported Oblique Plates Under Compression", Bul. Mil. Tekhn. Akad 5, 1956, pp 81 - 92.
46. N. A. Weil and N. M. Newmark, "Large Deflections Of Elliptic Plates", J. Appl. Mech. Trans. A S M E, Vol. 23, 1956, pp 21 - 26.
47. T. Iwinski and J. L. Nowinski, "The Problem Of Large Deflections Of Orthotropic Plates", Arch. Mech. Stos, Vol. 9, 1957, pp 593 - 604.
48. J. J. Stoker, "Non-Linear Vibrations", Interscience Pub. (N. Y.) Chap. 3, 1957.
49. S. G. Lekhnitski, "Certain Approximate Analysis Of The Non-Linear Behaviour Of Anisotropic Plates", O.G.I.Z. Moscow, 1957, p. 375.
50. M. L. Williams, "Further Large Deflection Analysis For A Plate Strip Subjected To Normal Pressure And Heating", J. Appl. Mech. Trans. A S M E, Vol. 25, No. 2, June 1958.

51. S. J. Medwadowski, "A Refined Theory Of Elastic Orthotropic Plates", J. Appl. Mech. Trans. A S M E, Vol. 25, 1958, pp 437 - 443.
52. W. A. Nash and J. R. Modeer, "Certain Approximate Analysis Of The Non-Linear Behaviour Of Plates And Shallow Shells", Proc. Symp. Theory Of Thin Elastic Shells, Interscience, Tech. Rept. 1, Depart. Engg. Mech. Univ. Florida, 1959, pp 331 - 354.
53. W. A. Nash and I. D. Cooley, "Large Deflections Of A Clamped Elliptical Plate Subjected To Uniform Pressure", J. Appl. Mech. Trans. A S M E, Vol. 81(26), Series E, 1959, pp 291 - 293.
54. B. A. Boley and J. H. Weiner, "Theory Of Thermal Stresses", 2nd Edn. Wiley, N. Y., 1960.
55. M. Forray and M. Newmann, "Axisymmetric Bending Stresses In Solid Circular Plates With Thermal Gradient", J. Aero. Sci., Vol. 27, No. 9, 1960.
56. J. E. Greenspon, "A Simplified Expression For The Period Of Non-Linear Oscillations Of Curved And Flat Panels", J. Aero. Sci. Vol. 27, No. 2, Feb. 1960, pp 138 - 139.
57. R. E. Kelly, "A Simplified Expression On The Period Of Non-Linear Oscillations Of Curved And Flat Panels", J. Aero. Sci. Vol. 27, No. 8 (Reader's Forum) Aug. 1960, pp 621 - 622.
58. W. Nowacki, "Thermoelasticity", Pergamon Press, Oxford, 1st edition, New York, 1962, p 440.
59. J. E. Hassert and J. L. Nowinski, "Non-Linear Transverse Vibrations Of A Flat Rectangular Orthotropic Plate Supported By Stiff Ribs",

Proc. 5th Int. Symp. On Space Tech. Sci., Tech. Rept. 18, Univ. of Delaware 1962.

60. Timoshenko S and Woinowsky - Krieger S, "Theory Of Plates And Shells", McGraw-Hill Book Company, I N C, 2nd Edition, New York, 1962, p 408.
61. E. H. Mansfield, "Bending And Stretching Of Plates", Addison Wesley Pub. Co. (N. Y.), 1962.
62. Y. Y. Yu, "Non-Linear Flexural Vibrations Of Sandwich Plates", A F O S R 1310 (Poly. Inst., Brooklyn, Dept. Mech. Engg. TN 12), Feb. 1962, p 19.
63. Y. Y. Yu, "Non-Linear Flexural Vibrations Of Sandwich Plates", J. Acoust. Soci. Ame. Vol. 34, No. 9 (Part I), Sept. 1962, pp 1176 - 1183.
64. Y. Y. Yu, "Influence Of Transverse Shear Deformation On Linear And Non-Linear Vibrations Of Sandwich Plates", Technical Note, No. 15, Poly. Inst. Brooklyn, Dept. Mech. Engg., Aug. 1962.
65. Y. Y. Yu, "Application Of Variational Equation Of Motion To The Non-Linear Vibration Analysis Of Homogeneous And Layered Plates And Shells", J. App. Mech. Trans. A S M E, Vol. 30, 1963, pp 79 - 86.
66. Y. Yoshimura and K. Iwata, "Buckling Of Simply - Supported Oblique Plates", J. Appl. Mech. Trans. A S M E, Vol. 30 (363), 1963.
67. L. S. D. Morley, "Skew Plates And Structures", Pergamon Press, Oxford, 1963.

68. S. Basuli, "Large Deflection Of A Circular Plate Under A Concentrated Load At The Centre", J. App. Math. and Phys. (India), Vol. 12, No. 4, 1961.
69. J. L. Nowinski, "Non-Linear Vibrations Of Elastic Circular Plates Exhibiting Rectilinear Orthotropy", Z A M P, Vol. 14, 1963, pp 112 - 124.
70. S. N. Sinha, "Large Deflections Of Plates On Elastic Foundations", J. A S C E (U. S. A.), Vol. 89, 1963, pp 1 - 24.
71. T. Wah, "Large Amplitude Flexural Vibrations Of Rectangular Plates", Int. J. Mech. Sci., Vol. 5, No. 6, Dec. 1963, pp 425 - 438.
72. J. L. Nowinski, "Large Amplitude Oscillations Of Oblique Panels With An Initial Curvature", A I A A Journal, Vol. 2, No. 6, June 1964, pp 1025 - 1031.
73. N. Yamaki, "Influence Of Large Amp. On Flexural Vibrations Of El. Plates", Tohoku Univ. Inst. High Speed Mechanics Reports, Vol. 15, 1963 - 64, pp 159 - 178.
74. T. Wah, "The Normal Modes Of Vibration Of Certain Non-Linear Continuous System", Trans. A S M E, 31 E (J A M), 1, (Brief Notes) March 1964, pp 139 - 140.
75. I. K. Ebcioğlu, "A Large Deflection Theory Of Anisotropic Plates", Ingenieur - Archiv. Vol. 33, 1964, pp 396 - 403.
76. A. M. Alwan, "Large Deflection Of Sandwich Plates With Orthotropic Cores", J. A I A A, Vol. 2, Oct. 1964, pp 1820 - 1822.

77. V. S. Gontkevich, "Free Vibrations Of Plates And Shells", Handbook (in Russian), Kiev Nenkova Dumka, 1964.
78. J. L. Nowinski and I. A. Ismail, "Certain Approximate Analysis Of Large Deflections Of Cylindrical Shells", Zeitschrift Für Angewandte Mathematik and Physik, Vol. 15, 1964, pp 449 - 456.
79. S. Basuli, "Note On The Large Deflection Of A Circular Plate Under A Concentrated Load, Published in Z A M P, Vol. 12, No. 4, 1964, pp 357 - 362.
80. J. B. Kennedy, "On The Bending Of Clamped Skewed Plates Under Uniform Pressure", J. Royal Aero. Soci. May 1965.
81. G. Schmidt, "Non-Linear Parametric Vibrations Of Sandwich Plates", Polska Akademia Nauk Proc. Of Vibration Problems, Vol. 6, No. 2, 1965, pp 209 - 228.
82. J. B. Kennedy and Simon Ng., "Analysis Of Skewed Plate Structures With Fixed Edges", Trans. Engg. Inst. Canada, Oct. 1965.
83. J. L. Nowinski, "Some Static And Dynamic Problems Concerning Non-Linear Behaviour Of Plates And Shallow Shells With Discontinuous Boundary Conditions", Paper Presented to the Cong. of Scholars and Scientists of Polish Background, N. Y. Nov. 1965.
84. G. A. Wempner and J. L. Baylor, "General Theory Of Sandwich Plates With Dissimilar Facings", Int. J. of Solids and Structures Vol. 1, 1965, pp 157 - 177.

85. J. L. Nowinski and I. A. Ismail, "Large Oscillations Of An Anisotropic Triangular Plate", J. Franklin Institute, Vol. 280, No. 5, Nov. 1965, pp 417 - 424.
86. F. C. Appl and N. R. Byers, "Fundamental Frequency Of A Simply Supported Rectangular Plate With Linearly Varying Thickness", J. App. Mech. TRANS. A S M E, Vol. 31, 1965, pp 163 - 168.
87. E. H. Mansfield, "Large Deflection Of Elliptic Plates Under Temperature Varying Through Thickness", Proc, Roy. Soc. A 288, 1965, pp 396 - 417.
88. Y. Y. Yu, and J. L. Lai, "Influence Of Transverse Shear And Edge Conditions On Non-Linear Vibration And Dynamic Buckling Of Homogeneous And Sandwich Plates", J. App. Mech. Trans. A S M E, Vol. 33, 1966, p 934.
89. L. M. Habip, "Theory Of Elastic Plates In The Reference State", Int. J. Solids and Structures, Vol. 2, 1966, pp 157 - 166.
90. R. K. Kaul, "Finite Thermal Oscillations Of Thin Plates", Int. J. Solids and Structs. Vol. 2, 1966, pp 337 - 350.
91. J. B. Kennedy and Simon Ng., "Linear And Non-Linear Analyses Of Skew Plates", J. Appl. Mech. Trans. A S M E, Vol. 34, 1967, pp 271 - 277.
92. J. B. Kennedy and Simon Ng., "Behaviour Of Clamped Parallelogramic Panels With Large Deflections", J. Strain Analysis, The Inst. Mech. Engg., London, 1967.

93. T. Katayama, E. Matumoto and T. Sekiya, "Fundamental Equations For Thermoelastic Deformation Of Skew Plates", Bull. of the Univ. of OSAKA, Prefecture, Series A, Vol. 16, 1967.
94. B. Banerjee, "Large Amp. Free Vibrations Of Elliptic Plates", J. Phys. Soci. Of Japan, Vol. 23, No. 5, Nov. 1967, pp 1169 - 1172.
95. M. C. Pal, "Large Amp. Free Vibrations Of Rectilinear Plates", J. Sc. Engg. Research, India, Vol. 11, No. 2, July 1967, pp 317 - 326.
96. S. K. Sarkar, "Thermal Deflection Of A Non-Homogeneous Rectangular Plate", Aplikace Matematiky, Ceskoslovenka Akademic Ved. No. 2, 1967.
97. G. Z. Harris and E. H. Mansfield, "On The Large Deflection Vibrations Of Elastic Plates", Phil, Trans. Royal Soci. of London, Series A Math. Phys. Sc., 261, 1122, June 1967, pp 289 - 343.
98. S. R. Sarkar, "Quasi - Static Thermal Deflection In A Solid Circular Plate In The Axisymmetric Case", Aplikace Matematiky Czechoslovakia, Vol. 13, 1968.
99. R. Schmidt, "Large Deflections Of A Clamped Circular Plate", J. ASCE (U. S. A.) Dec. 1968, p. 1603.
100. S. Basuli, Indian J. Mech. and Math. Vol. VI. No. 1, 1968.
101. B. Banerjee, "Large Amplitude Free Vibration Of An Isosceles Right Angled Triangular Plate With Simply - Support Edges", J. Sc. Engg. Research, India Vol. 12, No. 1, Jan. 1968, pp 45 - 49.

102. H. F. Bauer, "Non-Linear Response Of Elastic Plates To Pulse Excitations", J. Appl. Mech. Trans. ASME, Vol. 35, 1968, pp 47 - 52.
103. C. I. Wu, "On The Lateral Vibrations Of Rectangular Plates Of Pyrolytic - Graphite - Type Materials", Master's Thesis, University of Delaware, 1968.
104. R. Bolton, "Non-Linear Symmetrical Vibrations Of A Circular Plate On Elastic Foundation", Ph.D. Thesis, 1967.
105. N. F. Morozov, "Non-Linear Oscillations Of Thin Plates With Allowance For Rotational Inertia", (In Russian), Dok lady Akademii Nauk SSSR, Vol. 176, No. 3, Sept. 1967, pp 522 - 525.
106. J. E. Ashton, "Clamped Skew Plates Of Orthotropic Materials Under Transvers Load", Develop, in Mech. Vol. 5, 1969, pp 297 - 306.
107. M. C. Pal, "Large Deflection Of Heated Circular Plates", Acta. Mech. Vol. 8, 1969, pp 82 - 103.
108. C. I. Wu and J. R. Vinson, "On The Non-Linear Oscillations Of Plates Composed Of Composite Materials", J. Compo. Materials, Vol. 3, 1969, pp 548 - 561.
109. C. I. Wu and J. R. Vinson, "Influences Of Large Amplitudes, Transverse Shear Deformation And Rotatory Inertia On Lateral Vibrations Of Transversely Isotropic Plates", J. Appl. Mech. Trans, ASME, Vol. 36, June 1969, pp 254 - 260.

110. J. M. Whitney and A. W. Leissa, "Analysis Of Heterogeneous Anisotropic Plates", J. App. Mech. Trans. A S M E, Vol. 36, 1969, pp 261 - 266.
111. A. W. Leissa, "Vibration Of Plates", N A S A S P - 160, 1969.
112. N. F. Morozov and M. E. Iudovin, "Convergence Of The Bubnov - Galerkin Approximations In The Problems Of Non-Linear Vibrations Of A Thin Plate With Allowance For Rotational Inertia", (in Russian), Matematika, Aug. 1969, pp 47 - 51.
113. M. Sathyamoorthy and K. A. V. Pandalai, "Non-Linear Flexural Vibrations Of Orthotropic Rectangular Plates", J. Aero. Soci. (India), Vol. 22, No. 4, 1970, pp 264 - 266.
114. K. A. V. Pandalai, "Large Amp. Flexural Vibration Of Thin Elc. Flat Plates And Shells", Rept. Work Sponsored under N A S A Grant N G R 09 - 010 - 053, Aug. 1971.
115. F. La Kaiuk and V. I. Pavlenko, "Thermal Buckling Of Parallelogram Shaped Plates", (in Russian) Teplovye, Napriazneniia V. Elementakh Konstruktsii, Vol. 11, 1971, p. 173.
116. C. Y. Chia, "Non-Linear Theory Of Heterogeneous And Anisotropic Plates", Proc. 3rd Australasian Conf. on the Mechanics of Structures and Materials, Vol. II, Session B 2 - Plate Theory, Univ., Auckland, 1971, pp 1 - 25.

117. P. N. Singh, Y. C. Das and V. Sundarajan, "Large Amplitude Vibration Of Rectangular Plates", J. Sound and Vibration Vol. 17, 1971, pp 235 - 240.
118. J. L. Nowinski and H. Ohnabe, "On Certain Inconsistencies In Berger Equations For Large Deflections Of Elastic Plates", Int. J. Mech. Sci., Vol. 14, 1972, pp 165 - 170.
119. M. Sathyamoorthy and K. A. V. Pandalai, "Large Amp. Flexural Vibrations Of Skew Plates", I I T (Madras) AE Rept. No. 24., March 1972.
120. T. C. Soong, "A Non-Linear Method Applied To Variable Thickness Plates", J. A I A A, Vol. 10, Feb. 1972, pp 148 - 154.
121. R. Bolton, "Stresses In Circular Plates On Elastic Foundation", J. A S C E, (U.S.A.), Vol. 98, 1972, pp 629 - 640.
122. T. C. Soong, "A Non-Linear Method Applied To Variable Thickness Plates", J. A I A A, Vol. 10, Feb. 1972, pp 148 - 154.
123. R. Bolton, "Stresses In Circular Plates On Elastic Foundation", J. A S C E, (U. S. A.), Vol. 98, 1972, pp. 629 - 640.
124. F. La. Kaiuk and V. I. Pavlenko, "Thermal Stability Of Skewed Plates", (in Russian) Voprosy Dinamiki i Prochnosti, Vol. 22, 1972, p. 159.

125. M. Sathyamoorthy and K. A. V. Pandalai, "Governing Equations For The Large Amplitude Flexural Vibrations Of Plates And Shells", I I T (Madras), India, A E Report, No. 19, Feb. 1972.
126. M. Sathyamoorthy and K. A. V. Pandalai, "Non-Linear Flexural Vibration Of Orthotropic Skew Plates", J. Sound and Vibration Vol. 24, No. 1, Sept. 1972, pp 115 - 120.
127. S. K. Roy Chowdhury, "Some Problems On Thermoelasticity", Ph.D. Thesis Presented to Jadavpur University, India, 1972.
128. J. L. Nowinski and H. Ohnabe, "Fundamental Equations For Large Deflections Of Sandwich Plates With Orthotropic Core And Faces", Proc. 10th Int. Sympo. On Space Tech. and Sci. Tokyo, 1973, pp 311 - 318.
129. M. Sathyamoorthy and K. A. V. Pandalai, "Large Amplitude Flexural Vibration Of Simply - Supported Skew Plates", J. A I A A Vol. 11, No. 9, Sept. 1973, pp 1279 - 1282.
130. M. Sathyamoorthy and K. A. V. Pandalai, "Non-Linear Vibration Of Elastic Skew Plates Exhibiting Rectilinear Orthotropy", J. Franklin Institute, Vol. 296, No. 5, Nov. 1973, pp 359 - 369.
131. M. Sathyamoorthy and K. A. V. Pandalai, "Large Amplitude Vibrations Of Certain Deformable Bodies (Part 2, Plates and

- Shells)", J. Aero. Soci. India, Vol. 25, No. 1, Feb. 1973, pp 1 - 10.
132. M. C. Pal, "Static And Dynamic Behaviours Of Heated Orthotropic Plate", Int. J. Non-Linear Mech. Vol. 8, 1973, pp 489 - 509.
133. J. Mazumdar and R. Jones, "A Simplified Approach To The Analysis Of Large Deflection Of Plates", J. Appl. Mech. Trans A S M E, Vol. 41, 1974, pp 523 - 524.
134. P. Biswas, "Large Deflection Of Heated Circular Plate Under Non-Stationary Temperature", Bull. Cal. Math. Soci. Vol. 66, 1974, pp 247 - 252.
135. M. S. S. Prabhu and S. Durvasula, "Elastic Stability Of Thermally Stressed Clamped-Clamped Skew Plates", J. Appl. Mech. Trans. A S M E, Vol. 41, No. 3, 1974, pp 820 - 821.
136. M. Sathyamoorthy and K. A. V. Pandalai, "Large Amplitude Vibrations Of Variable Thickness Skew Plates", Proc. Of Noise, Shock And Vibration Conf., Monash Univ., Australia, 1974, pp 99 - 106.
137. R. S. Srinivasan and S. V. Ramachandran, "Non-Linear Analysis Of Skew Plates With Variable Thickness", J. A I A A. Vol. 13, 1975, pp 843 - 844.

138. S. Dutta, "Large Deflection Of A Circular Plate On Elastic Foundation Under A Concentrated Load At The Centre", J. Appl. Mech., Trans. A S M E, June 1975, pp 503 - 505.
139. S. Dutta, "Large Deflections Of Circular Plate Under Symmetrical Load", J. Structural Mech. Vol. 3, No. 4, 1975.
140. P. Biswas, "Large Deflection Of Heated Elastic Plates Under Uniform Load", *Mechanique Applique*, Vol. 20, No. 4, 1975.
141. E. Matumoto and T. Sekiya, "Elastic Stability Of Thermally Stressed Parallelogram Panels", Trans. J S M E, Vol. 41, No. 343, 1975, pp 736 - 745.
142. J. Ramachandran, "Vibration Of Variable Thickness Plates At Large Amplitudes", J. Franklin Institute, Vol. 299, 1975, pp 359 - 362.
143. C. P. Vendhan and Y. C. Das, "Application Of Rayleigh - Ritz And Galerkin Methods To Non-Linear Vibrations Of Plates", J. Sound and Vibration, Vol. 39, 1975, pp 147 - 154.
144. M. M. Banerjee, "Note On The Large Deflections Of Irregular Shaped Plates By The Method Of Conformal Mapping", J. Appl. Mech. Trans. A S M E, June 1976, pp 356 - 357.
145. S. Dutta, "Thermal Buckling Of Some Heated Plates Placed On Elastic Foundation", Defence Sci. Journal, Govt. of India, Vol.

26, No. 3, July 1976.

146. N. Kamiya, "Governing Equations For Large Deflections Of Sandwich Plates", J. A I A A, Vol. 14, No. 2, 1976, pp 250 - 253.
147. K. Kanakaraju and C. R. V. Rao, "Axisymmetric Vibrations Of Circular Plates Including The Effects Of Geometric Non - Linearity, Shear Deformation And Rotatory Inertia", J. Sound and Vibration, Vol. 47, 1976, pp 179 - 184.
148. A. P. Bhattacharya, "Non-Linear Flexural Vibrations Of Thin Shallow Translational Shells", Journal of Applied Mechanics, Vol. 34 1976, pp 180 - 181.
149. J. Ramachandran, "Large Amplitude Vibrations Of Shallow Spherical Shell With Concentrated Mass", Journal of Applied Mechanics, Vol. 43, 1976, pp 363 - 365.
150. B. M. Karmakar, "Non-Linear Dynamic Behaviours Of Plates On Elastic Foundation", J. Sound and Vibration Vol. 54, No. 2, 1977, pp 265 - 271.
151. J. Mazumdar and R. Jones, "A Simplified Approach To The Large Amplitude Vibration Of Plates And Membranes", J. Sound and Vibration, Vol. 50, 1977, pp 389 - 397.

152. M. A. Sayed and R. Schmidt, "Large Deflections Of Circular Plates Under Concentrated Load", J. Industrial Math., Vol. 27, 1977, pp 87 - 91.
153. R. Schmidt, "A Refined Non-Linear Theory Of Plates With Transverse Shear Deformation", J. Industrial Math., Soci. Vol. 27, 1977, pp 23 - 37.
154. M. Sathyamoorthy, "Shear And Rotatory Inertia Effects On Large Amp. Vibrations Of Skew Plates", J. Sound and Vibrations of Skew Plates , J. Sound and Vibration, Vol. 52, 1977, pp 155 - 163.
155. M. K. Prabhakara and C. Y. Chia, "Non-Linear Bending Of Symmetrically Laminated And Homogeneous Anisotropic Plates", Rozprawy Inzynierskie, Vol. 24, 1977, pp 559 - 570.
156. N. Kamiya, "Analysis Of The Large Thermal Bending Of Sandwich Plates By A Modified Berger Method", J. Strain Analysis Vol. 13, No. 1, 1978, pp 17 - 22.
157. B. M. Karmakar, "Amplitude - Frequency Characteristics Of Large Amp. Vibrations Of Sandwich Plates", J. Appl. Mech., Trans. ASME, June 1978.
158. M. Sathyamoorthy, "Vibration Of Plates Considering Shear And Rotatory Inertia", J. A I A A, Vol. 16, 1978, pp 285 - 286.

159. M. Sathyamoorthy, "Vibration Of Skew Plates At Large Amplitudes Including Shear And Rotatory Inertia Effects", Int. J. Solids and Structures, Vol. 14, 1978, pp 869 - 880.
160. P. Biswas, "Large Deflection Of A Heated Cylindrical Shell", International Journal Of Mechanical Science, Vol. 20, 1978, pp 17 - 20.
161. R. Sircar, "Large Deflection Of Heated Spherical Shell", Indian Journal Of Theoretical Physics, Vol. 45, 1978, pp 26 - 27.
162. M. Sathyamoorthy, "Non-Linear Vibrations Of Rectangular Plates", J. Appl. Mech., Trans. A S M E, Vol. 46, 1979, pp 215 - 217.
163. B. M. Karmakar, "Amplitude-Frequency Characteristics Of Non-Linear Vibrations Of Clamped Elliptic Plate Carrying A Concentrated Mass", Int. J. Non-Linear Mach., Vol. 13, 1979, pp 351 - 359.
164. M. Sathyamoorthy, "Large Deflections Of Orthotropic Plates", J. Appl. Mech., Trans. A S M E, Vol. 46, 1979, pp 523 - 526.
165. B. Banerjee and S. Dutta, "Large Deflections Of Elastic Plates Under Non-Stationary Temperature", J. A S C E, E M - 4, 1979, p 705.

166. M. Sathyamoorthy, "Effects Of Large Amplitude, Shear And Rotatory Inertia On Vibration Of Rectangular Plates", J. Sound and Vibration, Vol. 63, 1979, pp 161 - 167.
167. C. Y. Chia and M. Sathyamoorthy, "Non-Linear Vibration Of Anisotropic Skew Plates", Fibre Science and Technology, 1979.
168. G. Prathap, "On The Berger Approximation - A Critical Re-examination", Journal of Sound and Vibration, Vol. 66, 1979, pp 149 - 153.
169. C. Y. Chia, "Non-Linear Analysis Of Plates", Mc Graw-Hill Book Company, N. Y. 1980.
170. S. Dutta and B. Banerjee, "Large Deflections Of Circular Plates Under Symmetrical Loads", J. A S C E, Vol. 106, No. 4, 1980.
171. M. Sathyamoorthy and C. Y. Chia, "Effects Of Transverse Shear And Rotatory Inertia On Large Amplitude Vibrations Of Anisotropic Skew Plates, (Parts I and II)", J. Appl. Mech., Trans. A S M E Vol. 47, March 1980, pp 128 - 138.
172. P. Biswas, "Large Deflection Of Heated Orthotropic Cylindrical Shallow Shell", Defence Science Journal Vol. 30, No. 2, 1980, pp 87 - 92.

173. J. N. Reddy and W. C. Chao, "Large Deflections And Large Amp. Free Vibrations Of Laminated Composite Materials Plates", Comput, Struct. Vol. 13, 1981, pp 341 - 347.
174. B. Banerjee and S. Dutta, "A New Approach To The Analysis Of Large Deflections Of Thin Elastic Plates", Int. J. Non-Linear Mech., Vol. 16, 1981, pp 47 - 52.
175. J. N. Reddy and C. L. Huang, "Large Amplitude Free Vibrations Of Annular Plates Of Varying Thickness", J. Sound and Vibration, Vol. 29, 1981, pp 387 - 396.
176. B. Banerjee, "Large Deflections Of Circular Plates Of Variable Thickness", Int. J. Solids and Structures, 1982, pp 179 - 183.
177. S. Chaudhuri, "Large Deflection Of An Equilateral Triangular Plate Using Vonkarman Equations", Mech., Research Communication, No. 12, 1982, pp 112 - 115.
178. B. Banerjee, "Large Deflections Of Thin Orthotropic Plates - A New Approach", Mechanics Research Communication (U. S. A.), Vol. 10(6), 1983, pp 323 - 326.
179. B. Banerjee, "Large Deflection Of An Elliptic Plate Under A Concentrated Load", J. A I A A, Vol. 20, No. 1, 1983, pp 158 - 160.

180. B. Banerjee, "Large Deflections Of Polygonal Plates Under Non-Stationary Temperature", J. Thermal Stresses (U. S. A.), Vol. 7, 1984, pp 285 - 292.
181. B. Banerjee, "Large Amplitude Vibrations Of Polygonal Plates - A New Approach", J. Appl. Mech., Trans. A S M E, Vol. 51, March 1984, pp 211 - 213.
182. S. K. Choudhuri, "Large Amp. Vibrations Of Clamped Circular Plate Of Variable Thickness", J. Appl. Mech., Trans, A S M E, Vol. 51, March 1984, pp 207 - 210.
183. S. Das, "Linear and Non-Linear Analysis Of Circular And Rectangular Plates", Ph.D. Thesis Submitted to the N.B.U.(India), 1984.
184. G. C. Sinharay and B. Banerjee, "A New Approach To Large Deflection Analysis Of Spherical And Cylindrical Shells Under Thermal Loading", Mech. Research Comm. (U. S. A.), Vol. 12, No. 2, 1985, pp 53 - 64.
185. G. C. Sinharay and B. Banerjee, "Large Amplitude Free Vibrations Of Shallow Spherical Shells And Cylindrical Shells - A New Approach", International Journal of Nonlinear Mechanics, Vol. 20, No. 2, 1985, pp 69 - 78.
186. G. C. Sinharay and B. Banerjee, "Large Deflections Of Heated Thin Elastic Plates", Mech. Research Comm. 1986.

187. G. C. Sinharay and B. Banerjee, "Large Deflections Of Thin Elc. Plates Under Mechanical Loading", Int. J. Mech. Sc. 1986.
188. G. C. Sinharay and B. Banerjee, "Large Amp. Free Vibrations Of Shallow Spherical Shells Of Variable Thickness - A New Approach", J. A I A A, Vol. 24, No. 6, June 1986, pp 998 - 1004.
189. G. C. Sinharay and B. Banerjee, "Non-Linear Vibrations Of Thin Elastic Plates", J. Sound and Vibration, Vol. 107, No. 2, July 1986.
190. T. Das, "Vibration and Buckling Of Anisotropic Trapezoidal Plate On Non-Linear Elastic Foundation At Large Amplitude", Proc. Indian National Sc. Academy, Part - A, Vol. 52, No. 3, May 1986 pp 592 - 597.
191. K. Kanakaraju and C. Venkateswara Rao, "Vibrations Of Isotropic Annular Plates With Edges Elastically Restrained Against Rotation", J. Sound and Vibration, Vol. 109, No. 2, Sept. 1986, pp 353 - 358.
192. E. Reissner, "On A Generalization Of Some Formulae Of The Theory Of Moderately Thick Elastic Plates", Int. J. Solids and Structures, Vol. 23, No. 6, 1987, pp 711 - 717.
193. R. Bhattacharjee and B. Banerjee, "Influences Of Large Amplitudes, Transverse Shear Deformation And Rotatory Inertia On Free Lateral Vibrations Of Transversely Isotropic Plates - A New Approach",

Int. J. Non-Linear Mach., 1988.

194. D. J. Gorman, "Accurate Free Vibration Analysis Of Rhombic Plates With Simply - Supported And Fully Clamped Edge Conditions", J. Sound and Vibration, Vol. 125, No. 2, Sept. 1988, pp 218 - 290.
195. G. L. Ostiguy and H. Nguyen, "Combination Resonances Of Parametrically Excited Rectangular Plates", Proc. 3rd Int. Conf. On Recent Advances in Structural Dynamics, Southampton, U. K. 18 - 22 July 1988, Vol. 2, pp 819 - 829.
196. P. C. Dumir, "Large Deflection Axisymmetric Analysis Of Orthotropic Annular Plates On Elastic Foundations", Int. J. Solids and Structures, Vol. 24, No. 8, 1988, pp 777 - 787.
197. E. Hinton and B. S. Al. Janabi, "Vibrations Of Plates With Concentrated Masses And Plates With Point Supports", Proc. 3rd Int. Conf. on recent advances in Structural Dynamics, Southampton, U. K., 18 - 22 July 1988, Vol. 1, pp 101 - 110.
198. D. J. Gorman, "A General Computational Technique For The Free Vibration Analysis Of Rectangular Plates With Classical Edge Support Based On The Superposition Method", Proc. 3rd Int. Conf. on Recent Advances in Structural Dynamics, Southampton, U. K., 18 - 22 July 1988, Vol. 1, pp 3 - 12.

199. H. Kobayashi and K. Sonoda, "Rectangular Mindlin Plates On Elastic Foundations", Int. J. Mech. Sci. (U. K.), Vol. 31, No. 9, 1989, pp 679 - 692.
200. S. F. Ng. and Y. Araar, "Free Vibrations and Buckling Analysis Of Clamped Rectangular Plates Of Variable Thickness By The Galerkin Method", J. Sound and Vibration, Vol. 135, No. 2, Dec. 1989, pp 263 - 274.
201. C. C. Lin and L. W. Chen, "Large Amplitude Vibration Of An Initially Imperfect Moderately Thick Plate", J. Sound and Vibration, Vol. 135, No. 2, Dec. 1989, pp 213 - 224.
202. H. T. Yang and Y. C. Wu, "A Geometrically Non-Linear Tensorial Formulation Of A Skewed Quadrilateral Thin Shell Finite Element", Int. J. Num. Methods Engg. (U. K.), Vol. 28, No. 12, Dec. 1989, pp 2855 - 2875.
203. H. Kobayashi and K. Sonoda, "Natural Frequencies Of Rectangular Plates With Tapered Thickness", Memo. Fac. Eng. O S A K A City Univ. (Jap.) Vol. 30, Dec. 1989, pp 123 - 144.
204. S. Huis-Shen, "Post Buckling Behaviour Of Rectangular Plates Under Combined Loading", Thin-Walled Struct. (U. K.), Vol. 8, No. 3, 1989, pp 203 - 216.

205. M. Mikhopadhyay, "A Simple Numerical Transient Vibration Analysis Of Plate Structures", Engg. Software, (Navona Publg. House), New Delhi, India, Vol. 4, No. 7, Dec. 1989, pp 613 - 619.
206. Yah Kai - Yuan, Zheng Xiao - Jing and Zhou. You - he, "An Analytical Formula Of The Exact Solution To Von Karman's Equations Of A Circular Plate Under A Concentrated Load", Int. J. Non-Linear Mech. Vol. 24, No. 6, 1989, pp 551 - 560.
207. M. Gorji, Compos. Sci. Technol. (U. K.), Vol. 34, No. 3, 1989, pp 187 - 203.
208. L. V. Andreev, A. V. Antsiferov, M. E Maslov, I. D. Pavlenko, "Behavior Of Cylindrical Shells With Non-small Circular Holes Subject To Uniform Impulsive Pressure. Sov. Aeronaut. (U S A), Vol. 32, No. 1, 1989, pp 5 - 8.
209. K. M. Liew and K. Y. Lam, "Application Of Two-Dimensional Orthogonal Plate Function To Flexural Vibration Of Skew Plates", J. Sound and Vibration, Vol. 139, No. 2, June 1990, pp 241 - 252.
210. R. Bhumbla, J. B. Kosmatka and J. N. Reddy, "Free Vibration Behaviour Of Spinning Shear Deformable Plates Composed Of Composite Materials, J. A I A A (U.S.A.), Vol. 28, No. 11, Nov. 1990, pp 1962 - 70.

211. M. M. Suleimanova, O. P. Panova, "Stress Strain State Of Geometrically Non Linear Notched Shells, (Inst. of Strength Problems, Acad, of Sci, Kiev, Ukrainian S S R, U S S R) Strength Mater. (U S A), Vol. 22, No. 11, Nov. 1990, pp 1699 - 704.
212. N. I. Obodan, N. B. Makarenko, "Non Linear Deformation Of Cylindrical Shell With Local Heat Shock", Sov. Appl. Mech. (U S A), Vol. 26, No. 11, Nov. 1990, pp 1068 - 72.
213. J. W. Zhang, "A Simplified Perturbation Solution To The Large Deflection Karman Equations Of Orthotropic Composite Plate In Axial Compression And Lateral Pressure", Arch. Appl. Mech. (Germany), Vol. 61, pt. 3, May 1991, pp 174 - 182.
214. B. Singh and S. Chakravorty, "Transverse Vibration Of Circular And Elliptic Plates With Variable Thickness", Indian J. Pure and Appl. Math., Vol. 22, No. 9, Sept. 1991, pp 787 - 803.
215. H. Kobayashi and K. Sonoda, "Vibration And Buckling Of Tapered Rectangular Plates With Two Opposite Edges Simply - Supported And The Other Two Edges Elastically Restrained Against Rotation", J. Sound and Vibration (U. K.), Vol. 146, No. 2, April 1991, pp 323 - 337.
216. M. Ganapathi, T. K. Varadan and B. S. Sarma, "Non-Linear Flexural Vibrations Of Laminated Orthotropic Plates", Comput. Struct., Vol.

- 39, No. 6, 1991, pp 685 - 688.
217. U. S. Gupta, R. Lal and S. K. Jain, "Buckling And Vibrations Of Polar Orthotropic Circular Plates Of Linearly Varying Thickness Resting On An Elastic Foundation", J. Sound and Vibration, Vol. 147, No. 3, June 1991, pp 423 - 434.
218. D. J. Gorman, "Accurate Analytical - Type Solutions For The Free Vibrations Of Simply - Supported Parallelogram Plates", J. Appl. Mech. Trans. A S M E, Vol. 58, No. 1, March 1991, pp 203 - 208
219. J. T. Katsikadelis, "Large Deflection Analysis Of Plates On Elastic Foundation By The Boundary Element Method", Int. J. Solids and Structures, Vol. 27, No. 15, 1991, pp 1867 - 1878.
220. G. B. Chai, "Large Deflections Of Laminated Composite Plates", Compos. Sci. Technol. (U. K.), Vol. 42, No. 4, 1991, pp 349 - 360.
221. Xiu - Xi Wang, Jiang Qian and Mao - Kuang Huang, "A Boundary Integral Equation Formulation For Large Amplitude Non-Linear Vibration Of Thin Elastic Plates", Comput. Methods. Appl. Mech., Engg. (Netharlands), Vol. 86, No. 1, March 1991, pp 73 - 86.
222. F. H. Yoh and W. H. Liu, "Non-Linear Analysis Of Rectangular Orthotropic Plates", Int. J. Mech. Sci. (U. K.), Vol. 33, No. 7,

- 1991, pp 563 - 578.
223. S. K. Ghosh, "Large Amplitude Vibrations Of A Clamped Orthotropic Elliptic Plate", Iranian J. of Sc. and Technol. Vol. 15, No. 2, 1991, pp 106 - 115.
224. S. Dutta and B. Banerjee, "Governing Equations For Non-Linear Analysis Of Sandwich Plates - A New Approach", Int. J. Non-Linear Mech, Vol. 26, No. 3/4, 1991, pp 313 - 318.
225. S. Dutta and B. Banerjee, "Large Deflections Of Sandwich Plates With Orthotropic Cores - A New Approach", Journal - A I A A, Vol. 30, No. 3, 1991, pp 845 - 847.
226. P. Kumar, M. D. Olson, D. L. Anderson, "Large Deflection Elastic - Plastic Analysis Of Cylindrical Shells Using The Finite Strip Method", Int. J. Numer Methods Eng. (U K), Vol. 31, No. 5, 1991, pp 837 - 57.
227. A. Roy, B. Banerjee and B. Bhattacharjee, "Large Deflections Of Rhombic Plates - A New Approach", Int. J. Non-Linear Mech. Vol. 27, No. 6, 1992, pp 1007 - 1014.
228. R. K. Bera and G. C. Sinharay, "Large Amplitude Vibration Of Thin Homogeneous Orthotropic Elastic Plates Under Uniform Heating - Revisited", Int. J. Engng. Sci, U S A, Vol. 30, No. 4, 1992.

229. A. Roy, B. Banerjee and B. Bhattacharjee, "Non-Linear Analysis Of Heated Rhombic Plates", *Int. J. Solids and Structures*, 1993.
230. R. Bera, "Non-Linear Analysis Of Transverse Vibration Of Shallow Shells", *Proceedings Of The Second International Conference On Vibration Problems Of Mathematical Elasticity and Physics*, November 4 - 7, 1993, pp 31 - 34.
231. A. Pal and R. K. Bera, "A New Approach On The Non-Linear Analysis Of Snapping Of A Thin Spherical Cap", *Proceeding Of The Second International Conference On Vibration Problems Of Mathematical Elasticity and Physics*, November 4 - 7, 1993, pp 22 - 24.
232. P. Bhattacharya and B. Banerjee, "Buckling Of Sandwich Plates Of Arbitrary Shapes", *Proceeding Of The Second International Conference On Vibration Problems Of Mathematical Elasticity And Physics*, November 4 - 7, 1993, pp 28 - 30.
233. A. Roy, B. Banerjee, and B. Bhattacharjee, "Large Amplitude Free Vibrations Of Skew Plates Including Transverse Shear Deformation And Rotatory Inertia - A New Approach", *Journal Of Sound and Vibration*, 1994.
234. R. K. Bera and B. Mukhopadhyay, "Non-Linear Analysis Of Thin Homogeneous Orthotropic Elastic Plates Under Large Deflection And Thermal Loading", *Jr. of Computers and Maths. with Applications*,

U. S. A., Vol. 26, No. 8, 1994, pp 4 - 11.

235. B. Mukhopadhyay and R. K. Bera, "Non-Linear Thermal Vibration Of Nonhomogeneous Elastic Shell", Rev. Roum. Sci. Tech. Mec. Appl., Tome 40, Nos. 4 - 5 - 6, Bucarest, 1995, pp 529 - 537.
236. R. K. Bera, "Nonlinear Equation A Shallow Unsymmetrical Sandwich Shell Of Double Curvature - A New Approach", Third International Conference On Vibration Problems I C O V P - 96, November 27 - 29, 1996.
237. A. Pal and R. K. Bera "A Note On The Large Deflection Of Heated Sandwich Circular Plates - A New Approach", Third International Conference On Vibration Problems I C O V P - 96, November 27 - 29, 1996.
238. P. Bhattacharya and B. Banerjee, "Large Deflection Analysis Of Sandwich Shells", Third International Conference On Vibration Problems I C O V P - 96, November 27 - 29, 1996.