

1: Papers in International Refereed Journals

(figure in parenthesis is number of citations as reported by SCOPUS – total citations about 390, average 18+ citations per paper, 90+ citations in last 5 years, papers from my 1988 PhD thesis are still being cited almost 20 per year)

- (1) P.Sriram and S.Hanagud, Projection Speckle Digital Correlation Method for Surface Displacement Measurement, *Experimental Mechanics*, 28(4), 340-345, December 1988. (13)
- (2) S.Hanagud, J.I.Craig, P.Sriram and W.Zhou, Energy Absorption Behavior of Graphite Epoxy Composite Sine Webs, *Journal of Composite Materials*, 23(5), 448-459, May 1989. (59)
- (3) P.Sriram, S.Hanagud, J.I.Craig and N.M.Komerath, Scanning Laser Doppler Technique for Velocity Profile Sensing on a Moving Surface, *Applied Optics*, 29(16), 2409-2417, June 1990. (64)
- (4) P.Sriram, J.I.Craig and S.Hanagud, A Scanning Laser Doppler Vibrometer for Modal Testing, *International Journal of Analytical and Experimental Modal Analysis*, 5(3), 155-167, July 1990. (60)
- (5) E.A.Armanios, P.Sriram and A.Badir, Fracture Analysis of Transverse Crack-tip and Free Edge Delamination in Laminated Composites, *Composite Materials: Fatigue and Fracture (Third Volume)*, ASTM STP 1110, T.K.O'Brien, Ed., 269-286, 1991. (25)
- (6) L. Parnas, E.A. Armanios and P. Sriram, Postbuckling Analysis of Composite Stiffeners under Uniaxial Compression, *Mechanics Computing in 1990's and beyond*, 937-942, 1991. (1)
- (7) P. Sriram, S. Hanagud and J. Craig, A Scanning Laser Doppler Technique for Modal Testing of Distributed Parameter Systems, *AIAA Journal*, 30(2), 765-766, March 1992 (5).
- (8) P.Sriram, S.Hanagud and J.I.Craig, Mode Shape Measurement using a Scanning Laser Doppler Vibrometer, *International Journal of Analytical and Experimental Modal Analysis*, 7(3), 169-178, July 1992. (70)
- (9) P.Sriram, J.I.Craig and S.Hanagud, Scanning Laser Doppler Techniques for Vibration Testing, *Experimental Techniques*, 16(6), 21-26, December 1992. (16)
- (10) P.Sriram and E.A.Armanios, A Shear Deformation Model for Transverse Cracking in Composite Laminates, *International Journal of Damage Mechanics*, 2(1), 73-91, Jan 1993. (1)
- (11) P.Sriram, Y.Khourchid and S.J.Hooper, The Effect of Mixed Mode Loading on Delamination Fatigue Fracture Toughness, *Composite Materials: Testing & Design (Eleventh Volume)*, ASTM STP 1206, E.T.Camponeschi, Ed., 291-302, 1993. (8)
- (12) P. Sriram and E.A. Armanios, Modeling of Transverse Cracks in Laminated Composites, *Fracture of Composites*, Trans Tech Publications, 1994.
- (13) P. Sriram and E.A. Armanios, Shear Deformation Analysis of the Strain Energy Release Rate of Transverse Cracking in Laminated Composites, *ASTM STP Composite Materials: Fatigue and Fracture (Volume Five)*, ASTM STP 1230, 215-231, 1995. (4)
- (14) P. Sriram, Y. Khourchid, S.J. Hooper and R.H. Martin, Experimental Development of a Mixed Mode Fatigue Delamination Criterion, *ASTM STP on Composite Materials: Fatigue and Fracture (Volume Five)*, ASTM STP 1230, 3-18, 1995. (14)

- (15) L. Parnas, E.A. Armanios, P. Sriram and L. Rehfield, Postbuckling and Crippling of I-Section Composite Stiffeners, *Journal of Aerospace Engineering*, 8(1), 32-42, 1995. (8)
- (16) R.H. Martin, P. Sriram and S.J. Hooper, Using a Mixed-mode Fatigue Delamination Criterion, *ASTM STP 1274*, 371-392, 1996. (5)
- (17) S.J. Hooper, Y.Khourchid and P. Sriram, Application of the MMB Specimen in the Measurement of Mixed-mode Interlaminar Fracture Toughness, *Key Engineering Materials*, 120-121, 361-388, 1996. (5)
- (18) S. Jose, R. Ramesh Kumar, G. Venkateswara Rao and P. Sriram, Studies on Mixed Mode Interlaminar Fracture Toughness of M55J/M18 Carbon/Epoxy Laminates, *Advanced Composites Letters*, 9(5), 335-340, 2000. (4)
- (19) P. Sriram, India: Multi-author papers skew ranking, *Nature (correspondence)*, 522, 419, 25 Jun 2015, doi 10.1038/522419b (1)
- (20) Gangan Prathap and P. Sriram, Mega Private Universities in India: Prospects and Promise for World-class Performance, *Current Science*, Vol 113, No. 11, 2165 – 2167, 2017, doi: 10.18520/cs/v113/i11/2165-2167 (6)

2: Papers Presented in International Conferences

- (1) P.Sriram and S.Hanagud, Experimental Postbuckling Behavior of Composite Sandwich Panels, presented at the 12th South Eastern Conference on Theoretical and Applied Mechanics, Calloway Gardens, Georgia, May 1984.
- (2) S.Hanagud, H.P.Chen and P.Sriram, A Study of Static Postbuckling Behavior of Composite Sandwich Structures, presented at the AHS International Conference on Rotorcraft Basic Research, Research Triangle Park, North Carolina, Feb 1985.
- (3) S.Hanagud, J.I.Craig, D.Schrage and P.Sriram, Crashworthy Design of Rotorcraft: A Basic Research Approach, presented at the 41st Annual Forum of the American Helicopter Society, Ft. Worth, Texas, May 1985.
- (4) P.Sriram, S.Hanagud and W.F.Ranson, Whole-field Displacement Measurements using Speckle Image Processing Techniques for Crash Tests, presented at the AHS National Specialists' Meeting on Crashworthy Design of Rotorcraft, Atlanta, Georgia, April 1986.
- (5) J.I.Craig, S.Hanagud, W.Zhou and P.Sriram, Correlation of Experimental Static and Dynamic Response of Simple Structural Components, presented at the AHS National Specialists' Meeting on Crashworthy Design of Rotorcraft, Atlanta, Georgia, Apr. 1986.
- (6) P.Sriram, J.I.Craig and S.Hanagud, A Scanning Laser Doppler Vibrometer for Modal Testing, presented at the 7th International Modal Analysis Conference (IMAC-VII), Las Vegas, Nevada, Feb 1989.
- (7) S.Hanagud, P.Sriram and J.I.Craig, A Scanning Laser Technique for Modal Testing of Distributed Parameter Systems, presented at the 30th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics and Materials (SDM) Conference, Mobile, Alabama, Apr 1989. AIAA Paper No. 89-1292.
- (8) P.Sriram and E.A.Armanios, Fracture Analysis of Local Delaminations in Laminated Composites, presented at the 30th SDM Conference, Mobile, Alabama, Apr 1989. AIAA Paper No. 89-1400.
- (9) E.A.Armanios, A.Badir, and P.Sriram, Sublaminar Analysis of Mode I Edge Delamination in Laminated Composites, presented at the 30th SDM Conference, Mobile, Alabama, Apr 1989. AIAA Paper No. 89-1401.
- (10) E.A.Armanios, P.Sriram and A.Badir, Fracture Analysis of Matrix Crack-tip and Free Edge Delamination in Laminated Composites, presented at ASTM 3rd Symposium on Composite Materials: Fatigue and Fracture, Lake Buena Vista, Florida, Nov 1989.

- (11) E.A.Armanios and P.Sriram, Modeling of Transverse Cracks in Laminated Composites, 15th South Eastern Conference on Theoretical and Applied Mechanics (SECTAM XV), Atlanta, Georgia, March 1990.
- (12) L. Parnas and P. Sriram, Postbuckling Analysis of Composite Stiffeners under Uniaxial Load, presented at AIAA Aerospace Technology Symposium, Atlanta, Feb 1991.
- (13) L.Parnas, E.A.Armanios and P.Sriram, Buckling, Postbuckling and Crippling of Thin Walled Composite Airframe Structures under Compression, presented at the AHS International Specialists' Meeting on Rotorcraft Basic Research, Atlanta, Georgia, March 1991.
- (14) P.Sriram, S.Hanagud and J.I.Craig, Mode Shape Measurement using a Scanning Laser Doppler Vibrometer, Proceedings of the 9th International Modal Analysis Conference, Florence, Italy, Apr 1991.
- (15) L.Parnas, E.A.Armanios and P.Sriram, Postbuckling Analysis of Composite Stiffeners under Uniaxial Compression, presented at the ASCE Engineering Mechanics Specialty Conference - Experimental and Computational Modeling of Composite Materials in Static, Fatigue and Dynamic Environments, Columbus, Ohio, May 1991.
- (16) P.Sriram, S.Hanagud and J.I.Craig, Scanning Laser Doppler Techniques for Vibration Testing, presented at the SEM Spring Conference on Experimental Mechanics, Milwaukee, Wisconsin, June 1991 (Invited Paper).
- (17) P.Sriram, Y.Khourchid and S.J.Hooper, The Effect of Mixed Mode Loading on Delamination Fatigue Fracture Toughness, presented at the ASTM 11th Symposium on Composite Materials: Testing and Design, Pittsburgh, Pennsylvania, May 1992.
- (18) W.J. Horn and P. Sriram, Trained Engineering Teachers: A Blueprint for a Graduate Program, presented at the 28th Midwest Section ASEE Meeting, Rolla, Missouri, March 1993.
- (19) P. Sriram, Y. Khourchid, S.J. Hooper and R.H. Martin, Experimental Development of a Mixed Mode Fatigue Delamination Criterion, presented at the ASTM 5th Symposium on Composite Materials: Fatigue and Fracture, Atlanta, Georgia, May 1993.
- (20) P. Sriram and E.A. Armanios, Shear Deformation Analysis of the Strain Energy Release Rate of Transverse Cracking in Laminated Composites, presented at the ASTM 5th Symposium on Composite Materials: Fatigue and Fracture, Atlanta, Georgia, May 1993.
- (21) P. Choudhury, P. Sriram and S.M.Sivakumar, On Suppression of Mixed Mode Edge Delamination in Composite Laminates, presented at the Indo-Japan Conference on Damage Tolerant Design and Materials, Chennai, December 2004.