# PUBLICATIONS

## SCHOLARLY PAPERS:

1. Jonathan Cohen, *"Multilinear singular integrals"*, Studia Math., Vol. 68, 3, (1980), pp. 261-280.
2. _____, and John Gosselin, *"On multilinear singular integrals on $R^n$ "*, Studia Mathematics, T. LXXXII. (1982), 199-223.
3. _____, *"A sharp estimate for a multilinear singular integral in $R^n$"*, Indiana U. Math J., 30, 5(1981), pp. 693-702.
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5. _____, and John Gosselin, *"Adjoint boundary value problems for the biharmonic equation on $C^1$ domains in the plane"*, Arkiv fur Math, Vol. 23 (1985), No. 2, pp.217-240.
6. _____, and John Gosselin, *"A BMO estimate for multilinear singular integrals"*, Illinois Journal of Math., Vol. 30, No. 3, Fall 1986, pp. 445-464.
7. _____, and John Gosselin, *"Stress Potentials on $C^1$ domains"*, Journal of Math Analysis and Applications, Vol. 125, No. 1, 1987 pp. 22-46.
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9. _____, *"Cauchy Formulae for Functions Analytic of Order 2 on $C^1$ domains with Applications to Elastostatics and Hydrostatics"*, SIAM Journal of Math. Anal. and Appl., Vol. 20, No. 1, January 1989. pp 98-105.
10. _____, and Charles Coffman, "*Duals of Harmonic Bergman Spaces"*, Proceedings of the American Math Society, Vol.110, Number 3, November 1990, pp. 697-704.
11. _____, J. Ash, C. Freiling, and D. Rinne, *"Generalizations of the Wave equation"*, Transactions of the AMS, vol. 338, No.1, July 1993, pps. 57-75.
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13. _____, J.M. Ash, C. Freiling, L. Gluck, E. Rieders and G. Wang, *"Characterizations and Generalizations of Continuity"*, Proc. Amer. Math. Soc., Vol. 121, No. 3, July 1994, pps. 833- 842.

14. _____, L. Drake, J. Rutledge, *"Wavelets Analysis in the Recruitment of Loudness Compensation"*, IEEE Transactions on Signal Processing, Vol. 41, No. 12, December 1993, pps. 3306-3312.

15. _____ , N. Whitmal and J. Rutledge, *"Wavelet Based Noise Reduction"*, Conference Proceedings ICASSP 95. (These Proceedings are refereed in advance and about 40% are accepted).

16. _____ , J. M. Ash and G. Wang, "On Strongly Interacting Internal Solitary Waves," to appear, Journal of Fourier Analysis and Applications, Volume 2, Number 5, 1966, pps. 507-517.

17. _____, N. Whitmal and J. Rutledge, *"Wavelet-based reduction of correlated noise for digital hearing aids"*, IEEE Engineering in Biology and Medicine Magazine, Volume 15, Number 5, September/October 1966, pps. 88-96.

18. _____, N. Whitmal and J. Rutledge, *"Reduction of Autoregressive noise with shift-invariant wavelet-packets"*, IEEE Signal Processing Society International Symposium on Time-Frequency and Time-Scale Analysis, June 18-21, Paris, France.

19. _____, with David Cohen, *"An Alternative Approach to second order linear ordinary differential equations"*, unpublished preprint.

20. _____, N. Whitmal, J. Rutledge, "Denoising Speech Signals for Digital Hearing Aids: A Wavelet Based Approach", to appear in *"Wavelets and Multiscale Analysis: Theory and Applications"*, Birkhauser.

21. _____, J. Bona and G. Wang, "Global Well Posedness for a System of KdV Equations", (in preparation).

**BOOKS:**

1. Jonathan Cohen and Ahmed Zayed (Editors), *"Wavelets and Multiscale Analysis: Theory and Applications"*, Birkhauser, (to appear).