

LIST OF PUBLICATIONS

Books (Refereed)

- Zhou, G., *Baysal, O.* Kafatos, M., and Yang, R. (Editors) Real Time Information Technology for Future Intelligent Earth Observing Satellites, Hierophant Publishing / Science, PA, ISBN No. 0-9727940-0-X. 2003, 163 pages.
- *Baysal, O.* (Editor) CFD for Design and Optimization, FED-Vol. 232, Book No. H01029, Library of Congress No. 95-81280, The American Society of Mechanical Engineers, New York, NY, November 1995, 91 double-column pages.
- Keith, W.L., Tsukamoto, H., *Baysal, O.*, and Wei, T. (Editors) Unsteady Flows 1995, FED-Vol. 216, Book No. G00966, Library of Congress No. 84-72442, The American Society of Mechanical Engineers, New York, NY, August 1995, 191 double-column pages.
- Lyrantzis, A.S., Mankbadi, R.R., *Baysal, O.*, Ikegawa, M., (Editors) Computational AeroAcoustics 1995, FED-Vol. 219, Book No. G00969, Library of Congress No. 95-79138, The American Society of Mechanical Engineers, New York, NY, August 1995, 113 double-column pages.
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- *Baysal, O.* (Editor) Applications of Parallel Processing in Fluid Mechanics, FED-Vol. 47, Book No. H00379, Library of Congress No. 87-70701, The American Society of Mechanical Engineers, New York, NY, June 1987, 92 double-column pages.

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- Bayraktar, I., and *Baysal, O.*, “Computational Parametric Study on External Aerodynamics of Heavy Trucks,” Lecture Notes in Applied and Computational Mechanics, Vol. 19, Springer-Verlag, Heidelberg, GERMANY, May 2004, pp. 485-501.
- Keith, W.L., Wei, T., and *Baysal, O.*, (Editors), “Unsteady Flows,” Proceedings of The ASME Fluids Engineering Division Summer Meeting, CD-ROM, The American Society of Mechanical Engineers, New York, NY, July 2002.
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- *Baysal, O.*, Koklu, M., and Erbas, N. “Design of Micro Synthetic Jet Actuator for Flow Control,” (in review) *Physics of Fluids*, 2004.
- Zhou, G., and *O. Baysal, O.*, “Post-Launch Geometric Calibration of Line Sensors,” (in review) *IEEE Transactions on Aerospace*, 2004.

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- Zhou, G., and *Baysal, O.*, “Future Earth Observation Strategy for Societal Benefits,” (*invited paper*), 25th International Geoscience and Remote Sensing Symposium, Seoul, KOREA, July 25-29, 2005, **IEEE 0-7803-9501-2/05**.
- Bayraktar, I., Landman, D., and *Baysal, O.*, “Experimental and Computational Study of Unsteady Bluff-Body Aerodynamics,” **Paper No. SAE-2001-01-2742**, International Conference on Trucks and Buses, Chicago, IL, November 12-14, 2001, Society for Automotive Engineers, Warrendale, PA.
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