Arthur A. Mirin
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Refereed Publications and Invited Presentations

1) S. Z. Burstein and A. A. Mirin, "Third Order Difference Methods for Hyperbolic Equations," *J. Comput. Physics* 5, No. 3 (1970), 547.

2) S. Z. Burstein and A. A. Mirin, "Difference Methods for Hyperbolic Equations Using Space and Time Split Difference Operators of Third Order Accuracy," *Second Int'l. Conf. on Numerical Methods in Fluid Dynamics*, Berkeley (1970), Springer-Verlag, Berlin, 44. (UCRL-72806)

3) D. V. Anderson, G. A. Benford, M. Brettschneider, J. Killeen, W. A. Newcomb, A. A. Mirin and M. E. Rensink, "Theoretical Study of E-Layer and Plasma Behavior in Astron," *Fourth Int'l. Conf. on Plasma Physics and Controlled Nuclear Fusion Research*, Madison (1971), IAEA, Vienna, 137. (UCRL-72881)

4) A. H. Futch, J. P. Holdren, J. Killeen and A. A. Mirin, "Multi-Species Fokker-Planck Calculations for D-T and D-He3 Mirror Reactors," *Plasma Physics* 14 (1972), 211. (UCRL-73226)

5) S. Z. Burstein and A. A. Mirin, "Time-Dependent Calculations for Transonic Flow," *Third Int'l. Conf. on Numerical Methods in Fluid Dynamics*, Paris (1972), Springer-Verlag, Berlin, 48.

6) R. F. Post, T. K. Fowler, J. Killeen and A. A. Mirin, "A Concept for a High Power Density Mirror Fusion Reactor," *Phys. Rev. Lett.* 31, No. 5 (1973), 280. (UCRL-74790)

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11) H. L. Berk, H. P. Furth, D. L. Jassby, R. M. Kulsrud, C. S. Liu, M. N. Rosenbluth, P. H. Rutherford, F. H. Tenney, T. Johnson, J. Killeen, A. A. Mirin and M. E. Rensink, "Two Energy Component Toroidal Fusion Devices," *Fifth Int'l. Conf. on Plasma Physics and Controlled Nuclear Fusion Research*, Tokyo (1974), IAEA, Vienna, 569.

12) J. A. Byers, R. P. Freis, J. Killeen, E. Lee, B. McNamara, A. A. Mirin and M. E. Rensink, "Computational Studies of Two Component Mirror Reactors," *Fifth Int'l. Conf. on Plasma Physics and Controlled Nuclear Fusion Research*, Tokyo (1974), IAEA, Vienna, 551. (UCRL-75522)

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