

## **Selected Publication of on TAEs and Energetic Particle Physics:**

1. High-n Ideal and Resistive Shear Alfvén Waves in Tokamaks  
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2. Low-n Shear Alfvén Spectra in Axisymmetric Toroidal Plasmas  
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*Phys. Fluids*, 29, 3695-3701 (Nov., 1986)
3. NOVA: A Nonvariational Code for Solving MHD Stability of Axisymmetric Toroidal Plasmas  
C. Z. Cheng and M. S. Chance  
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4. Kinetic-MHD Stability Calculations for Toroidal Plasmas Using the NOVA-K Code  
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in *Proceedings of the Workshop on Theory of Fusion Plasmas*, Varenna, Italy, EUR 11336 EN, p.185-204 (1987).
5. Toroidal Alfvén Wave Stability in Ignited Tokamaks  
C. Z. Cheng, G. Y. Fu, and J. W. Van Dam  
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6. Energetic Particle Effects on Global Magnetohydrodynamic Modes  
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7. Alpha-Particle Effects on Low-n Magnetohydrodynamic Mode  
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*Fusion Technology*, 18, 443-454 (November, 1990).
8. Alpha Particle Effects on Global MHD Modes, and Alpha Particle Transport in Ignited Tokamaks  
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10. A Kinetic-MHD Model for Low Frequency Phenomena  
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11. Kinetic Extensions of Magnethydrodynamic Models for Axisymmetric Toroidal Plasmas  
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12. High-n Helicity-Induced Shear Alfvén Eigenmodes  
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13. Alpha Effects on TAE Modes, and Alpha Particle Transport  
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17. Stability Analysis of Toroidicity-Induced Alfvén Eigenmodes in TFTR Deuterium-Tritium Experiments  
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26. Alfvén Eigenmode and Energetic Particle Research in JT-60U  
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