

## Publications

### Refereed Journals

1. M. C. Cross, *Impulse Given to a Plate by a Quantized Vortex Ring*, Phys. Rev. **A10**, 1442 (1974).
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28. H. Brand and M. C. Cross, *Explanation of Flow Dissipation in  $^3\text{He-B}$* , *Phys. Rev. Lett.* **49**, 1959 (1982).
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## Conference Proceedings

1. M. C. Cross and P.W. Anderson, *Orbit Waves in the ABM Phase of Superfluid  $^3\text{He}$* , Proc. of LT-14, Helsinki, Finland, eds. N. Krusius and M. Vuorio (North-Holland, Amsterdam, 1974).
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3. M. C. Cross and D.S. Fisher, *New Theory of the Spin Peierls Transition with Special Relevance to the Experiments on  $\text{TTFCuBDT}$* , Proc. Conf. on Quasi-One-Dimensional Conductors, Dubrovnik, Yugoslavia (Springer-Verlag, 1979, Lecture Notes in Physics 95).
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6. M. C. Lai, K. H. Chiam, M. C. Cross, and H. S. Greenside: *Simulating Complex Dynamics In Intermediate And Large-Aspect-Ratio Convection Systems*, Proceedings of the 18th Symposium on Energy Engineering Sciences, p73, (2000).

## Text Book

M. C. Cross and H. S. Greenside, *Pattern Formation and Dynamics in Nonequilibrium Systems*, Cambridge University Press (Cambridge, 2009)

## Review Articles

1. M. C. Cross, *Electron Pickup by Fast Ions in Solids*, Proc. Int. Workshop on Inelastic Ion-Surface Collisions (Academic, NY 1978).
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### **Non-technical Articles**

1. M. C. Cross, *Problems with  $^3\text{He}$  and  $^4\text{He}$* , Phys. Bulletin, p. 540 (Dec. 1976).
2. M. C. Cross, *New Phases of Helium 3*, Science Progress (Oxford) **64**, 157 (1977).
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