



REFERENCES

1. Yang, C.N., "Concept of Off-Diagonal Long-Range Order and the Quantum Phases of Liquid He and of Superconductors," Rev.Mod.Phys., 34(4), 694-704, 1962.
2. Bardeen, J., L.N. Cooper, J.R. Schrieffer, "Theory of Superconductivity," Phys.Rev., 108 (5), 1175-1204, 1957
3. Cooper, L.N., "Bound Electron Pairs in a Degenerate Fermi Gas," Phys.Rev., 104 (4), 1189-1190, 1956.
4. Gorter, C.J., "The Two Fluid Model for Superconductors and Helium II," Progress in Low Temperature Physics (Gorter, C.J. ed.) Vol 1, pp. 1-16, North-Holland Publishing Company, Amsterdam, 3rd ed., 1964.
5. Bardeen, J., "Two-Fluid Model of Superconductivity," Phys. Rev. Letters, 1 (11), 399-400, 1958.
6. Landau, L., "The Theory of Superfluidity of Helium II," J. Phys., 5(1), 71-90, 1941.
7. Feynman, R.P., "Application of Quantum Mechanics to Liquid Helium," Progress in Low Temperature Physics (Gorter, C.J. ed.), Vol.1, pp. 17-53, North-Holland Publishing Company, Amsterdam, 3rd ed., 1964.

8. Galasiewicz, Z.M., Superconductivity and Quantum Fluids, pp. 209-220 Pergamon Press, New York, 1970.
9. Bogolubov, N.N., Lectures on Quantum Statistics, Vol.2, pp. 166-167, Gordon & Breach, New York, 1970.
10. Visoottiviseth, K., P. Thiankusol, "Reduced Density Matrices and Two-Fluid Model for Fermi Superfluid," Jpn. J. Appl. Phys., 26, Suppl. 26-3, 157-158, 1987.
11. Fröhlich, H., "General Remarks on the Connection of the Laws of Micro and Macro Physics," J. Phys. Soc. Japan, 26, Suppl. 189-195, 1969.
12. Taylor, A.W.B., "Wave Equation for the Macroscopic Wave Function in Superconductors," J. Phys. C., 3, L52-55, 1970.
13. Cummings, F.W., "Macroscopic Wave Functions", Statistical Mechanics : New Concepts, New Problems, New Applications (Rice, S.A., K.F. Freed and J.C Light, eds.), pp. 321, University of Chicago Press, Chicago, 1972.
14. Chela-Flores, J., "An Action Principle for Superconductivity," J. Math. Phys., 15(5), 547-551, 1974

15. De Gennes, P.G., Superconductivity of Metals and Alloys, pp. 123, W.A. Benjamin, Inc., New York, 1966.

16. Fröhlich, H., "The Macroscopic Wave Equations of Superfluids," Phys. kondens. Materie., 9, 350-358, 1969.



VITA

Mr. Prapon Thiankusol was born on January 31, 1963. He received the Bachelor of Science (Physics) Degree from Mahidol University in 1985.

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย