

REFERENCES

References

REFERENCES

- [1]- C. P. Poole, Jr. Horacio, A. Farach and R. J. Creswick,
Superconductivity, Academic Press, Inc., San Diego,
New York and London (1995)
- [2]- V. V. Schmidt, P. Müller and A. V. Ustinov, The Physics of
Superconductors; Introduction to Fundamentals and Applications,
Springer-Verlag, Berlin, Heidelberg, Germany (1997)
- [3]- A. A. Abrikosov, Fundamentals of the Theory of Metals,
Elsevier Science Publishers B. V. (1988)
- [4] – W. Buckel, Superconductivity, Fundamentals and Applications ,
Weinheim; Basel (Switzerland); Cambridge; New York, NY: VCH,
(1991)
- [5]- D. Saint-James, G. Sarma, and E. J. Thomas, Type II Superconductivity
, Pergamon Press, New York (1969)
- [6]- R. E. Peierls, Proc. R. Soc. London 155, 316 (1936)
- [7]- F. London, Physica 3, 450 (1936)

References

[8]-R. E. Peierls, Proc. R. soc. London 155, 316 (1936). (Taken from Ref. [3])

[9]- F. London, Physica 3, 450 (1936). (Taken from Ref. [3])

[10]-L. D. Landau, Sov. Phys. JETP 7, 371(1937). (Taken from Ref. [3])

[11]-P. R. Solomon and R. E. Harris, Proc. 12th Int. conf. On Low Temp. Phys., Kyoto, Japan P.475 (1970)

[12]- M. Tinkam, “ Introduction to Superconductivity ”,
McGraw-Hill (1996).

[13]- L. D. Landau, Phs.Z.Sowjet.11, 129 (1937). (Taken from Ref. [3])

[14]- A.G.Meshkovskii, and A.I.Shalnikov , Zh.Eksp.Teor.Fiz. 17,
851(1947). (Taken from Ref. [2])

[15]- A.G.Meshkovskii, and A.I.Shalnikov , Zh.Eksp.Teor.Fiz. 19, 1
(1949). (Taken from Ref. [2])

References

- [16]- J. Reitz and F.J. Milford, " Foundations of electromagnetic theory" Addison- Wesley publishing, Inc. (1967).
- [17]- C. J. Gorter and H. B. G. Casimir, *Physica* 1, 306 (1934). (Taken from Ref. [16])
- [18]- F. London and H. London: *Z. Phys.* 96, 359 (1935). (Taken from Ref. [4])
- [19]- M. Cyrot, and D. Pavuna , *Introduction to Superconductivity and High- T_c Materials*, World Scientific Publishing Co. Pte. Ltd. (1992).
- [20]- H. Fröhlich: *Phys. Rev.* 79, 845 (1950). (Taken from Ref. [4])
- [21]- V. L. Ginzburg and L . D. Landau. *Zh. Eksperim.i. Teor. Fiz.* 20, 1064 (1950). (Taken from Ref. [5])
- [22]- A. B. Pippard, *Proc.r.Soc. London, Ser. A*216, 547(1953). (Taken from Ref. [12])
- [23]- A. A. Abrikosov, *Sov. Phys.JETP* 5, 1174 (1957). (Taken from Ref. [12])
- [24]- A. A. Abrikosov, *Zh. Eksperim.iTeor.Fiz.*32,1442 (1957). (Taken from Ref. [3])

References

- [25]- P.G.De Gennes and E.Guyon, *Phs. Lett.*3,168 (1962).
- [26]- U.Eßmann and H.Träuble :*Phys.Lett.*24A,526 (1967).
- [27]- C. P. Bean and J. D. Livingston, *Phys. Rev. Lett.* 12, 14 (1962).
- [28]-E. H. Brandt: *Rep. Prog. Phys.* 58,1465(1995).
- [29]-M. Konczykowski, L. I. Burlachkov, Y. Yershurn, and F.Holtzberg, *Phy. Rev. B* 43,13707(1991).
- [30]- E. Zeldov, A.I. Larkin, V.B.Geshkenbein et al., *Phys. Rev. Lett.*73, 1428 (1994).
- [31]- M. Benkraouda and J. R. Clem, *Phys. Rev. B* 53, 5716 (1996).
- [32]- E. H. Brandt: *Phys. Rev. B* 59,33695 (1999).
- [33]- F. Mrowka, M. Wurlitzer, P. Esquinazi et al., *Phys. Rev. B* 60, 4370 (1999).
- [34]- V. Jeudy and D. Limagne, *Phys. Rev. B* 60, 9720 (1999).
- [35]- D. Yu. Vodolazov, *Phys. Rev. B* 62, 8691 (2000).
- [36]- P. G. de Gennes, *Solid State Commun.* 3,127 (1965).
- [37]- H. J. Fink and A. G. Presson, *Phys. Rev.* 128, 498 (1965).

References

- [38]- A. V. Samakhvalov, *Physica C* 259, 337 (1996).
- [39]- J. Bardeen, L. N. Cooper, and J. R. Schrieffer *Phs.Rev.*108, 1175 (1957).
- [40]- R. E. Glover III, and M. Tinkham: *Phs. Rev.*108,243 (1957).
- [41]-R. W. Morse, and H.V. Bohm: *Phs. Rev.* 108, 1094 (1957).
- [42]- J. C. Fisher, and I. Giaver:*J. Appl. Phys.* 32,172 (1961).
- [43]- I. Giaver: *Phs. Rev. Lett.* 5, 464(1960).
- [44]- L. P. Gorkov: *Sov.Phys.JETP* 9, 1364(1960). (Taken from Ref. [3])
- [45]- J. G. Bednorz, and K.A. MüLLER:*Z. Phsik* B64,189(1986).
- [46]- Z. X. Zhao: *Int. J. Mod. Phys. B*1, 187, (1987).
- [47]- C. Politis, M. Geerk, M. Dietrich et al. , *Z. Physik* B66,279 (1987).
- [48]- H. Maedd, Y. Tanaka, M. Fukutomi, and T. Asano: *Jap. J. Phys.Lett.*27, L209(1988).
- [49] S. S. P. Parkin, V. Y. Lee, E. M. Engler, et al., *Phys. Rev.Lett.*60, 2539(1988).

References

- [50]- W. Klose: Phys. Lett. 8, 12 (1964).
- [51]- C. P. Bean, Phys. Rev. Lett.8, 250(1962).
- [52]- K. B. Efetov, Sov. Phys. JETP 49, 905 (1979).
- [53]- S. N. Artemenko and A. N. Kruglov. Phys. Lett. A 143, 485(1990).
- [54]- J. R. Clem, Phys. Rev. B 43, 7837 (1991).
- [55]- K.H. Fisher, Physica C 178, 161 (1991).
- [56]- A. Yu. Matynovich and A. N. Artemov, Phys. Rev. B 56, 14827 (1997).
- [57]- A. Buzdin and D. Feinberg, J. Phys. (Paris) 51, 1971 (1990).
- [58]- V. G. Kogan, Phys. Rev. B 24, 1572 (1981).
- [59]- V. G. Kogan and J. R. Clem, Phys. Rev. B 24, 2497 (1981).
- [60]- V. G. Kogan and J. R. Clem, Japan J. Appl. Phys. 26 (suppl 26-3) 1159 (1987).
- [61]-A. V. Balatskii, L. I. Burlachkov and Gor'kov, Sov. Phys. JETP 63, 866 (1986).

References

- [62]- V. Feigel'man, V. B. Geshkenbein and A. I. Larkin, *Physica C* 167, 177 (1990).
- [63]- G. Rickzen, "Theory of Superconductivity", John Wiley and Sons Inc., New York (1965).
- [64]- R. P. Hurbener, "Magnetic Flux Structure in Superconductors", Springer-Verlag, Berlin, Heidelberg, New York (1979).
- [65]- M. Crisan, "Theory of Superconductivity", World Scientific Publishing Co. Pte. Ltd., Singapore, London (1989).
- [66]- J. Woods Hally, Editor, "Theories of High Temperature Superconductivity", Addison-Wesley Publishing Co. (1988).
- [67]- R. A. Klemm and J.R. Clem, *Phys. Rev. B* 21, 1868 (1980).
- [68]- Z. Hao and J.R. Clem, *Phys. Rev. B* 43, 7622 (1991).
- [69]- G. Blatter, V. B. Geshkenbein and A. I. Larkin, *Phys. Rev. Lett.* 68, 875 (1991).
- [70]- V. V. Schmidt and G. S. Mkrtchan, *Usp. Fiz. Nauk* 112, 459 (1974).
- [71]- A. M. Campbell, J.E. Evetts, "Critical Currents in Superconductors", Barnes and Noble, New York (1972).

References

- [72]- V. A. Kozlov, A. V. Samokhvalov, JETP. Lett. 53, 158 (1991).
- [73]- I. M. Gordion, Superconductivity, Phys. Chem. Techn. (Mosco) 5, 1701 (1992).
- [74]- Yu. Genenko, Phys. Rev. B 49, 6950 (1994).
- [75]- W. J. Carr, JR., “ AC Loss and Macroscopic Theory of Superconductors”, Gordon and Breach, New York, London (p. 16 to 19), (1983).
- [76]- Y. Kato, M. Hanawaka and K. Yamafuji, Japan J. Appl. Phys. 15, 695 (1979).
- [77]- M. Askinn, J. Appl Phys. 50,7060 (1979).
- [78]- V. B. Zenkevich, V. V. Zheltov and A. S. Romanyuk, Soviet Phys. – Doklady 25, 210 (1980).
- [79]- A. G. Saif, Phys. Stat. Sol. (b) 171,199 (1992).
- [80]- P. Moon, D. E. Spencer, Field Theory Handbook, Spriger-Verlag, Berlin, Heidelberg, New York (1971).
- [81]- M.R. SPIEGEL, “Schaum’s Outline of The Theory and Problems of Vector Analysis and an Introduction to Tensor Analysis” SI (METRIC) Edition, McGRAW-HILL, Inc. (1959).

[82]- M. Vygotsky, "Mathematical Handbook Higher Mathematics",
Mir Publishing, MOSCO (1971).

[83]- J. A. Stratton, "Electromagnetic Theory", McGRAW-HILL,
Book Company, Inc., New York and London (1941).

[84]- Morse and Feshback , "Methods of Theoretical Physics",
McGraw- Hill , New York (1953).

[85]- B. D. Gupta, "Mathematical Physics", New Delhi (1982).

[86]- M. D. Raisinghania , "Advanced Differential equations",
S.Chand& company Ltd., Ram Nagar, New Delhi (1991).

[87]-M. Abramowitz and I. Stegun, "Handbook of Mathematical
Functions", Dover Publishing, Inc., New York (1972).

[88]- I. S. Gradshteyn and I. M. Ryzhik, "Table of integration, series
and product", Academic Press Inc., New York, London Toronto,
Sydney, San Francisco, English Edition (1980).

[89]-B. D. Josephson, Adv. Phys. 14, 419 (1965).

[90]- B. D. Josephson, Phy. Lett. 16, 242 (1965).

[91]- G. C. Kim, M. Y. Cheon and Y.C. Kim, Physica C 331, 191
(2000).

[92]-A. V. Samokhvalov, *Physica C* 308, 74 (1998).

[93]- S. Tahara, S. M. Anlage, J. Halbritter et al., *Phys. Rev.* 41,
11203 (1990).

[94]-H. Jiang, Y. Huang, H. How, et al.,: *Phys. Rev. Lett.* 66,
1785(1991).

[95]-D. S. Fisher, M. P. A. Fisher, and D.A. Huse, *Phys. Rev. B* 43,
130 (1991).

[96]-E. B. Kolomeisky, *Zh. Eksp. Teor. Fiz.* 100, 301 (1991).

[97]- L. Burlachkov, A. E. Koshelev, *phys. Rev. B* 54, 6750 (1996).

[98]- L. Burlachkov, V. B. Geshkenbein, A. E. Koshelev et al, *phys. Rev.*
B 50, 16770 (1994).