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À partir d'une liste établie par les professeurs du département de physique, la bibliothèque des sciences expérimentales a réuni toutes ces suggestions d'ouvrages en une bibliographie complète, ils sont principalement destinés aux étudiants de Licence 3, Master 1 et Master 2.

Pour certains documents vous les trouverez uniquement en format papier avec la localisation du livre, d'autres en version électronique avec un accès via vos codes lecteurs.

Si vous avez d'autres propositions d'achat de livres, n'hésitez pas à nous en faire part.

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Licence 3

Éléments de mécanique analytique

ARNOLD, Vladimir Igorevich, VOGTMANN, Karen & WEINSTEIN, Alan.
Mathematical Methods of Classical Mechanics. New York: Springer-Verlag.
Graduate Texts in Mathematics, 60, 1980.

Cote : [530.15 ARN](#)

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GOLDSTEIN, Herbert, POOLE, Charles P. & SAFKO, John. *Classical Mechanics*.
Harlow: Pearson. 2014.

Voir : [Sudoc](#)

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GOLDSTEIN, Herbert, POOLE, Charles P. & SAFKO, John. *Classical Mechanics*.
3rd edition. San Francisco : Pearson Education International. 2002.

Cote : [531 GOL](#)

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LANDAU, Lev Davidovitch, LIFSHITZ, Evgeniï Mikhaïlovich et GLOUKHIAN,
Edouard(traducteur). *Mécanique des fluides*. Moscou : Mir. Physique théorique,
6, 1971.

Cote : [532 LAN](#)

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LEMOS, Nivaldo A. *Analytical Mechanics*. Cambridge: Cambridge University
Press. 2018.

Cote : [531.11 NIV](#)

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Hydrodynamique

BATCHELOR, George Keith. *An Introduction to Fluid Dynamics*. Cambridge: Cambridge University Press. 1967.

Cote : [532.05 BAT](#)

GUYON, Étienne, HULIN, Jean-Pierre, PETIT, Luc, *et al.* *Hydrodynamique physique*. 3^{ème} édition. Les Ulis : EDP Sciences. Savoirs actuels. Série Physique. 2012.

Cote : [532.5 GUY](#)

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LANDAU, Lev Davidovitch, LIFSHITZ, Evgeniï Mikhaïlovich, et GLOUKHIAN, Edouard (traducteur). *Mécanique des fluides*. Moscou : Mir. Physique théorique. 1971.

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PATERSON, Andrew Robert. *A First Course in Fluid Dynamics*. Cambridge: Cambridge University Press. 1983.

Cote : [532.05 PAT](#)

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POPE, Stephen B. *Turbulent Flows*. Cambridge: Cambridge University Press. 2000.

Cote : [532.05 POP](#)

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TENNEKES, Henk, & LUMLEY, John Leask. *A First Course in Turbulence*. Cambridge: MIT Press. 1972.

Cote : [532.05 TEN](#)

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TRITTON, David J. *Physical Fluid Dynamics*. Oxford: Clarendon Press. Oxford Science Publications. 1988.

Cote : [532.05 TRI](#)

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Introduction à l'astrophysique

ACKER, Agnès. *Astronomie, astrophysique*. 5^{ème} édition. Paris : Dunod. Sciences sup. 2013.

Cote : [523.01 ACK](#)

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DRAINE, Bruce T. *Physics of the Interstellar and Intergalactic Medium*. Princeton: Princeton University Press. Princeton Series in Astrophysics. 2011.

Cote : [523.1 DRA](#)

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HEYVAERTS, Jean. *Astrophysique : étoiles, univers et relativité*. 2^{ème} édition. Paris : Dunod. Sciences sup. 2012.

Cote : [523.01 HEY](#)

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LÉNA, Pierre, ROUAN, Daniel, LEBRUN, François, *et al.* *L'observation en astrophysique*. 3^{ème} édition. Les Ulis : EDP Sciences. Savoirs actuels. Astrophysique. 2008.

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LEQUEUX, James, FALGARONE, Edith, et RYTER, Charles. *Le milieu interstellaire*. Les Ulis : EDP Sciences. Savoirs actuels. Astrophysique. 2002.

Cote : [530.11 LEQ](#)

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MONIER, Richard. *Les étoiles et le milieu interstellaire : introduction à l'astrophysique : cours, exercices et problèmes résolus : niveau M1*. Paris : Ellipses. Physique-LMD, universités-écoles d'ingénieurs. 2006.

Cote : [523.1 MON](#)

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PETER, Patrick, UZAN, Jean-Philippe, DAMOUR, Thibault (préfacier). *Cosmologie primordiale*. 2^{ème} édition. Paris : Belin. Echelles. 2012.

Cote : [523.1 PET](#)

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STEVEN W. STAHLER, & PALLA, Francesco. *The Formation of Stars*. Weinheim: Wiley-VCH. Physics Textbook. 2004.

Cote : [523.8 STA](#)

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Mathématiques pour les physiciens

CAPINŃSKI, Marek, & KOPP, Peter Ekkehard. *Measure, Integral and Probability*. 2nd edition. New York: Springer. Springer Undergraduate Mathematics Series. 2004.

Cote : [BMI : SM CAPI 1-01](#)

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RUDIN, Walter. *Real and Complex Analysis*. International Student Edition. London: McGraw-Hill. McGraw-Hill Series in Higher Mathematics. 1970.

Cote : [BMI : SM RUDI 1-01 g](#)

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Physique des particules

GRIFFITHS, David Jeffrey. *Introduction to Elementary Particles*. Weinheim: Wiley-VCH. Physics Textbook. 2004.

Cote : [BSE](#)

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THOMSON, Mark. *Modern Particle Physics*. Cambridge: Cambridge University Press. 2013.

Cote : [539.72 THO](#)

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Physique du solide

SIMON, Steven H. *The Oxford Solid State Basics*. Oxford: Oxford University Press. 2013.

Cote : [530.41 SIM](#)

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Physique statistique des systèmes en équilibre

BARRAT, Jean-Louis & HANSEN, Jean-Pierre. *Basic Concepts for Simple and Complex Liquids*. Cambridge: Cambridge University Press. 2003.

Cote : [530.42 BAR](#)

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CALLEN, Herbert B. *Thermodynamics and an Introduction to Thermostatistics*. 2nd edition. New York: John Wiley & Sons. 1985.

Cote : [539.7 CAL](#)

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COUTURE, Lucienne et ZITOUN, Robert. *Physique statistique*. Paris : Ellipses. 1992.

Cote : [530.13 COU](#)

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DIU, Bernard, GUTHMANN, Claudine, LEDERER, Danielle *et al.* *Éléments de physique statistique*. Paris : Hermann. Enseignement des sciences, 37, 1989.

Cote : [530.13 DIU](#)

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HUANG, Kerson. *Statistical Mechanics*. New York : John Wiley & Sons. 1963.

Cote : [530.13 HUA](#)

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KARDAR, Mehran. *Statistical Physics of Particles*. Cambridge: Cambridge University Press. 2007.

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LANDAU, Lev Davidovitch, LIFSHITZ, Evgeniï Mikhaïlovich et SHOENBERG, David. *Statistical Physics*. Oxford: Clarendon Press. 1938.

Cote : [530.13 LAN](#)

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LE BELLAC, Michel et MORTESSAGNE, Fabrice. *Thermodynamique statistique: équilibre et hors équilibre : cours, exercices et problèmes résolus*. Paris : Dunod. Sciences sup, 2001.

Voir : [Sudoc](#)

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TEXIER, Christophe et ROUX, Guillaume. *Physique statistique : des processus élémentaires aux phénomènes collectifs*. 2^{ème} édition. Malakoff : Dunod. Sciences sup, 2024.

Cote : [530.133 TEX](#)

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Relativité et électromagnétisme

GOURGOULHON, Éric. *Relativité restreinte : des particules à l'astrophysique*.
Les Ulis : EDP sciences : CNRS éditions. Savoirs actuels. Série Physique. 2010.
Cote : [530.11 GOU](#)

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JACKSON, John David, JEANMOUGIN, Christian et VIGNERON, Jean-Pol.
Électrodynamique classique : cours et exercices d'électromagnétisme. 3^{ème}
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Cote : [537.6 JAC](#)

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LANDAU, Lev Davidovitch, LIFSHITZ, Evgeniï Mikhaïlovich et SOKOVA,
Anne(traductrice). *Physique théorique. Électrodynamique des milieux continus*.
Moscou : Mir. 1969.
Cote : [537.6 LAN](#)

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LANGLOIS, David. *Introduction à la relativité : principes fondamentaux et
conséquences physiques : cours & exercices corrigés : licence 2 & 3, sciences de
la matière*. Paris : Vuibert. 2011.
Cote : [Montrouge : AG PhC3 LAN](#)

Master 1

Geophysical and Astrophysical Fluid Dynamics

JOHNSON, Robin Stanley. *A Modern Introduction to the Mathematical Theory of Water Waves*. Cambridge: Cambridge University Press. 1997.

Voir : [Sudoc](#)

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LANDAU, Lev Davidovitch, LIFSHITZ, Evgenii Mikhaïlovich., SYKES, John Bradbury (translator), *et al. Fluid Mechanics*. 2nd edition. Oxford : Pergamon Press. Course of Mechanics. Physics, 1987.

Voir : [Ebook](#)

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TRITTON, David J. *Physical Fluid Dynamics*. Oxford : Clarendon Press. Oxford Science Publications, 1988.

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VALLIS, Geoffrey K. *Atmospheric and Oceanic Fluid Dynamics: Fundamentals and Large-Scale Circulation*. 2nd edition. Cambridge: Cambridge University Press. 2017.

Cote : [551.462 VAL](#)

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Matière molle et interfaces

ADAMSON, Arthur Wilson & GAST, Alice Petry. *Physical Chemistry of Surfaces*. 6th edition. New York: John Wiley & Sons. 1997.

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BARRAT, Jean-Louis & HANSEN, Jean-Pierre. *Basic Concepts for Simple and Complex Liquids*. Cambridge: Cambridge University Press. 2003.

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CABANE, Bernard, HÉNON, Sylvie et BOULIGAND, Yves. *Liquides: solutions, dispersions, émulsions, gels*. Paris : Belin. Échelles, 2003.

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CANTAT, Isabelle, COHEN-ADDAD, Sylvie et ELIAS, Florence. *Les mousses : structure et dynamique*. Paris : Belin. Échelles, 2010.

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CANTAT, Isabelle, COHEN-ADDAD, Sylvie, ELIAS, Florence, *et al.* *Foams: Structure and Dynamics*. Oxford: Oxford University Press. 2013.

Cote : [BSE : CH P8 CAN ELEM 20288](#)

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CHAIKIN, Paul M. & LUBENSKY, Tomas C. *Principles of Condensed Matter Physics*. Cambridge: Cambridge University Press. 1997.

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DOI, Masao. *Soft Matter Physics*. Oxford: Oxford University Press. 2013.

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GENNES, Pierre-Gilles de, BROCHARD-WYART, Françoise et QUÉRÉ, David. *Gouttes, bulles, perles et ondes*. Nouvelle édition. Paris : Belin. Échelles, 2005.

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ISRAELACHVILI, Jacob N. *Intermolecular and Surface Forces*. 2nd edition. Amsterdam: Academic Press. 1991.

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SAARLOOS, Wim van, VITELLI, Vincenzo & ZERAVCIC, Zorana. *Soft Matter: Concepts, Phenomena, and Applications*. Princeton: Princeton University Press. 2024.

Cote : [530.41 VAN](#)

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Matière quantique

ASBÓTH, János K., OROSZLÁNY, László, & PÁLYI, András. *A Short Course on Topological Insulators: Band Structure and Edge States in One and Two Dimensions*. Cham: Springer. Lecture Notes in Physics. 2016.

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CHAIKIN, Paul M. & LUBENSKY, Tomas C. *Principles of Condensed Matter Physics*. Cambridge: Cambridge University Press. 1997.

Cote : [530.41 CHA](#)

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SAKURAI, Jun John & NAPOLITANO, Jim. *Modern Quantum Mechanics*. 3rd edition. Cambridge: Cambridge University Press. 2021.

Cote : [530.12 SAK](#)

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Quantum Optics

FABRE, Claude & CORTIÑAS, Rodrigo G. *Quantum Processes and Measurement: Theory and Experiment*. Cambridge: Cambridge University Press. 2023.

Cote : [530.143 FAB](#)

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GARCÍA RIPOLL, Juan José. *Quantum Information and Quantum Optics with Superconducting Circuits*. Cambridge: Cambridge University Press. 2022.

Cote : [535.2 GAR](#)

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GRYNBERG, Gilbert, ASPECT, Alain & FABRE, Claude. *Introduction to Quantum Optics: From the Semi-Classical Approach to Quantized Light*. Cambridge: Cambridge University Press. 2010.

Voir : [Ebook](#)

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HAROCHÉ, Serge & RAIMOND, Jean-Michel. *Exploring the Quantum: Atoms, Cavities, and Photons*. Oxford: Oxford University Press. Oxford Graduate Texts. 2006.

Cote : [530.12 HAR](#)

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JORDAN, Andrew N. & SIDDIQI, Irfan. *Quantum Measurement: Theory and Practice*. Cambridge: Cambridge University Press. 2024.

Cote : [530.12 JOR](#)

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Relativistic Quantum Mechanics and an Introduction to Quantum Fields

WEINBERG, Steven. *The Quantum Theory of Fields. Foundations*. Cambridge: Cambridge University Press. 2005.

Cote : [530.143 WEI](#)

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Stochastic Processes in Physics

GARDINER, Crispin W. *Handbook of Stochastic Methods for Physics, Chemistry and the Natural Sciences*. 2nd edition. Berlin: Springer. Springer Series in Synergetics. 1997.

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RISKEN, Hannes. *The Fokker-Planck Equation: Methods of Solution and Applications*. 2nd edition. Berlin: Springer. Springer Series in Synergetics. 1989.

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VAN KAMPEN, Nicolaas Godfried. *Stochastic Processes in Physics and Chemistry*. 3rd edition. Amsterdam: Elsevier. North-Holland Personal Library. 2007.

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Transition de phase

BRÉZIN, Édouard. *Introduction to Statistical Field Theory*. Cambridge: Cambridge University Press. 2010.

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CARDY, John. *Scaling and Renormalization in Statistical Physics*. Cambridge: Cambridge University Press. Cambridge Lecture Notes in Physics. 1996.

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CHAIKIN, Paul M.& LUBENSKY, Tomas C. *Principles of Condensed Matter Physics*. Cambridge: Cambridge University Press. 1997.

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FEYNMAN, Richard Phillips, KIKUCHI, Ryoichi, FEIVESON, Harold A., *et al.*
Statistical Mechanics: A Set of Lectures. Reading: W. A. Benjamin. 1972.

Cote : [530.13 FEY](#)

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GOLDENFELD, Nigel. *Lectures on Phase Transitions and the Renormalization Group*. Reading: Addison-Wesley. Frontiers in Physics. 1992.

Cote : [530.474 GOL](#)

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KARDAR, Mehran. *Statistical Physics of Fields*. Cambridge: Cambridge University Press. 2007.

Voir : [Ebook](#)

Cote : [530.133 KAR](#)

Cours de Master 2

Semestre 1 :

Advanced Biophysics

ALON, Uri. *An Introduction to Systems Biology: Design Principles of Biological Circuits*. 2nd edition. Boca Raton: CRC Press. Mathematical and Computational Biology Series, 2019.

Cote : BSE : [PG 22.00 062](#)

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BIALEK, William S. *Biophysics: Searching for Principles*. Princeton: Princeton University Press. 2012.

Cote : [BSE : PG 22.00 057](#)

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CHAIKIN, Paul M. et LUBENSKY, Tomas C. *Principles of Condensed Matter Physics*. Cambridge: Cambridge University Press. 1997.

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DAYAN, Peter & ABBOTT, Laurence. F. *Theoretical Neuroscience: Computational and Mathematical Modeling of Neural Systems*. Cambridge: MIT Press. Computational Neuroscience, 2001.

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DOI, Masao et EDWARDS, Samuel Frederick. *The Theory of Polymer Dynamics*. Oxford: Clarendon Press. International Series of Monographs on Physics, 73, 1986.

Cote : [547.7 DOI](#)

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GENNES, Pierre-Gilles de. *Scaling Concepts in Polymer Physics*. Ithaca: Cornell University Press. 1979.

Cote : [530.413 DEG](#)

PHILLIPS, Robert Brooks, KONDEV, Jane, THERIOT, Julie, *et al.* *Physical Biology of the Cell*. 2nd edition. Boca Raton: CRC Press. 2013.

Cote : [571.6 PHI](#)

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RIEKE, Fred, WARLAND, David, RUYTER VAN STEVENINCK, Rob, *et al.* *Spikes: Exploring the Neural Code*. Cambridge: MIT Press. Computational Neuroscience, 1997.

Cote : [612.8 RIE](#)

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SAARLOOS, Wim van, VITELLI, Vincenzo & ZERAVCIC, Zorana. *Soft Matter: Concepts, Phenomena, and Applications*. Princeton: Princeton University Press. 2024.

Cote : [530.41 VAN](#)

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STROGATZ, Steven Henry. *Nonlinear Dynamics and Chaos: With Applications to Physics, Biology, Chemistry, and Engineering*. 2nd edition. Boca Raton: CRC Press. 2018.

Cote : [BMI : SM STRO 5-02](#)

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Advanced Methods in Biological Physics and Soft Matter

BENSIMON, David, STRICK, Terence, MICHALET, Xavier, *et al.* *Single-Molecule Studies of Nucleic Acids and Their Proteins*. Oxford: Oxford University Press. Oxford Graduate Texts, 2019.

Cote : [572.8 BEN](#)

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MERTZ, Jérôme. *Introduction to Optical Microscopy*. 2nd edition. Cambridge: Cambridge University Press. 2019.

Cote : [570.28 MER](#)

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NELSON, Philip (editor.). *Physical Models of Living Systems: Probability, Simulation, Dynamics*. 2nd edition. Philadelphia: Chiliagon Science. 2021.

Voir : [Decitre](#)

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TABELING, Patrick. *Introduction to Microfluidics*. 2nd edition. Oxford : Oxford University Press. 2023.

Cote : [532 TAB](#)

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Advanced Quantum Mechanics

COHEN-TANNOUDJI, Claude, DIU, Bernard, LALOË, Franck, *et al.* *Quantum Mechanics., Angular Momentum, Spin, and Approximation Methods*. 2nd edition. Weinheim: Wiley-VCH. 2020.

Cote : [530.12 COH](#)

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COHEN-TANNOUDJI, Claude, DIU, Bernard, LALOË, Franck, *et al.* *Quantum Mechanics. Basic Concepts, Tools, and Applications*. 2nd edition. Weinheim: Wiley-VCH. 2020.

Cote : [530.12 COH](#)

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COHEN-TANNOUDJI, Claude & GUÉRY-ODELIN, David. *Advances in Atomic Physics: An Overview*. Singapore: World Scientific. Colloquium Publications - American Mathematical Society, 2011.

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Advanced Statistical Physics

ALTLAND, Alexander & SIMONS, Ben. *Condensed Matter Field Theory*. 3rd edition. Cambridge: Cambridge University Press. 2023.

Cote : [530.41 ALT](#)

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AMIT, Daniel J. *Field Theory, the Renormalization Group, and Critical Phenomena*. 2nd edition. Singapore: World Scientific. 1984.

Cote : [530.14 AMI](#)

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BAXTER, Rodney J. *Exactly Solved Models in Statistical Mechanics*. 3rd edition. London: Academic Press. 1982.

Cote : [530.13 BAX](#)

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BERLINSKY, Allan. John. & HARRIS, Allan. Brooks. *Statistical Mechanics: An Introductory Graduate Course*. Cham: Springer International Publishing. Graduate Texts in Physics, 2019.

Cote : [530.133 BER](#)

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BRÉZIN, Édouard. *Introduction to Statistical Field Theory*. Cambridge: Cambridge University Press. 2010.

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CARDY, John. *Scaling and Renormalization in Statistical Physics*. Cambridge: Cambridge University Press. Cambridge Lecture Notes in Physics, 1996.

Voir : [Ebook](#)

Cote : [530.474 CAR](#)

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CHAIKIN, Paul M. & LUBENSKY, Tomas C. *Principles of Condensed Matter Physics*. Cambridge: Cambridge University Press. 1997.

Cote : [530.41 CHA](#)

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CHANDLER, David. *Introduction to Modern Statistical Mechanics*. New York: Oxford University Press. 1987.

Cote : [530.13 CHA](#)

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COLEMAN, Piers. *Introduction to Many-Body Physics*. Cambridge: Cambridge University Press. 2015.

Cote : [530.144 COL](#)

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DI CASTRO, Carlo & RAIMONDI, Roberto. *Statistical Mechanics and Applications in Condensed Matter*. Cambridge: Cambridge University Press. 2015.

Cote : [530.41 CAS](#)

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GARDINER, Crispin W. *Handbook of Stochastic Methods for Physics, Chemistry and the Natural Sciences*. 2nd edition. Berlin: Springer. Springer Series in Synergetics, 1997.

Voir : [Ebook](#)

Cote : [519.2 GAR](#)

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GIAMARCHI, Thierry. *Quantum Physics in One Dimension*. Oxford: Oxford University Press. International Series of Monographs on Physics, 121, 2004.

Cote : [530.12 GIA](#)

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GOLDENFELD, Nigel. *Lectures on Phase Transitions and the Renormalization Group*. Reading: Addison-Wesley. Frontiers in Physics, 85, 1992.

Cote : [530.474 GOL](#)

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HERBUT, Igor. *A Modern Approach to Critical Phenomena*. Cambridge: Cambridge University Press. 2007.

Cote : [530.474 HER](#)

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KADANOFF, Leo P. *Statistical Physics: Statics, Dynamics and Renormalization*. Singapore: World Scientific. 2000.

Cote : [530.13 KAD](#)

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KARDAR, Mehran. *Statistical Physics of Fields*. Cambridge: Cambridge University Press. 2007.

Voir : [Ebook](#)

Cote : [530.133 KAR](#)

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LE BELLAC, Michel, MORTESSAGNE, Fabrice & BATROUNI, George. *Equilibrium and Non-Equilibrium Statistical Thermodynamic*. Cambridge: Cambridge University Press. 2004.

Cote : [536.7 LEB](#)

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PARISI, Giorgio. *Statistical Field Theory*. Redwood City: Addison-Wesley. Frontiers in Physics, 66, 1988.

Cote : [530.14 PAR](#)

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PATHRIA, Raj Kumar & BEALE, Paul D. *Statistical Mechanics*. 4th edition. London: Academic Press. 2022.

Cote : [530.13 PAT](#)

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POTTIER, Noëlle. *Nonequilibrium Statistical Physics: Linear Irreversible Processes*. Oxford: Oxford University Press. Oxford Graduate Texts, 2010.

Cote : [530.13 POT](#)

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RISKEN, Hannes. *The Fokker-Planck Equation: Methods of Solution and Applications*. 2nd edition. Berlin: Springer. Springer Series in Synergetics, 18, 1989.

Cote : [530.15 RIS](#)

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SACHDEV, Subir. *Quantum Phase Transitions*. 2nd edition. Cambridge: Cambridge University Press. 2011.

Voir : [Ebook](#)

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SHANKAR, Ramamurti. *Quantum Field Theory and Condensed Matter: an Introduction*. New York: Cambridge University Press. 2017.

Cote : [530.14 SHA](#)

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STANLEY, Harry Eugene. *Introduction to Phase Transitions and Critical Phenomena*. Oxford: Clarendon Press. International Series of Monographs on Physics, 1971.

Cote : [530.474 STA](#)

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TEXIER, Christophe. *Mécanique quantique*. 2^{ème} édition. Paris : Dunod. Sciences sup, 2024.

Cote : [530.12 TEX](#)

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TEXIER, Christophe et ROUX, Guillaume. *Physique statistique : des processus élémentaires aux phénomènes collectifs*. 2^{ème} édition. Malakoff : Dunod. Sciences sup, 2024.

Cote : [530.133 TEX](#)

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TEXIER, Christophe et ROUX, Guillaume. *Physique statistique en pratique : 52 problèmes corrigés avec résumé du cours*. Malakoff : Dunod. Sciences sup, 2025.

Cote : [530.133 TEX](#)

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TSVELIK, Alexei. *Quantum Field Theory in Condensed Matter Physics*. 2nd edition. Cambridge : Cambridge University Press. 2003.

Voir : [Ebook](#)

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VAN KAMPEN, Nicolaas Godfried. *Stochastic Processes in Physics and Chemistry*. 3rd edition. Amsterdam: Elsevier. North-Holland Personal Library, 2007.

Voir : [Ebook](#)

Cote : [BMI : SM VANK 1-02](#)

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YEOMANS, Julia M. *Statistical Mechanics of Phase Transitions*. Oxford : Clarendon Press. Oxford Science Publications, 1992.

Cote : [530.474 YEO](#)

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Advanced Statistical Physics and New Applications

CHAIKIN, Paul M. & LUBENSKY, Tomas C. *Principles of Condensed Matter Physics*. Cambridge: Cambridge University Press. 1997.

Cote : [530.41 CHA](#)

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HUANG, Kerson. *Statistical Mechanics*. New York: John Wiley & Sons. 1963.

Cote : [530.13 HUA](#)

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KARDAR, Mehran. *Statistical Physics of Particles*. Cambridge: Cambridge University Press. 2007.

Cote : [539.72 KAR](#)

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SATOR, Nicolas et PAVLOFF, Nicolas. *Physique statistique*. 2^{ème} édition. Louvain-la-Neuve : De Boeck. 2022.

Cote : Montrouge : [AG : PhE2 SAT](#)

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SETHNA, James P. *Statistical Mechanics: Entropy, Order Parameters, and Complexity*. 2nd edition. Oxford : Oxford University Press. Oxford Master Series in Physics, 14, 2021.

Voir : [Ebook](#)

Cote : [530.13 SET](#)

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TEXIER, Christophe et ROUX, Guillaume. *Physique statistique : des processus élémentaires aux phénomènes collectifs*. 2^{ème} édition. Malakoff : Dunod. Sciences sup, 2024.

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