

## DAFTAR PUSTAKA

- Abraham, R., and Marsden, J.E., 1978, *Foundations of Mechanics*, 2 ed., Addison-Wesley Publishing Company, Inc.
- Ali, S.T., and Engliš, M., 2005, Quantization methods: a guide for physicists and analysts, *Reviews in Mathematical Physics*, vol. 17, no. 04:391–490.
- Ammari, Z., and Nier, F., 2008, Mean Field Limit for Bosons and Infinite Dimensional Phase Space Analysis, *Annales Henri Poincaré*, vol. 9:1503—1574.
- Antonsen, F., 1997, Deformation quantisation of gravity, *arXiv preprint gr-qc/9712012*.
- Antonsen, F., 1997, Deformation quantisation of constrained systems, *arXiv preprint gr-qc/9710021*.
- Bayen, F., Flato, M., Fronsdal, C., Lichnerowicz, A., and Sternheimer, D., 1978, Deformation theory and quantization. II. Physical applications, *Annals of Physics*, vol. 111, no. 1:111–151.
- Bayen, F., Flato, M., Fronsdal, C., Lichnerowicz, A., and Sternheimer, D., 1978, Deformation theory and quantization. I. Deformations of symplectic structures, *Annals of Physics*, vol. 111:61–110.
- Berestetskii, V.B., Lifshitz, E.M., and Pitaevskii, L.P., 1982, *Quantum Electrodynamics: Volume 4*, vol. 4, Butterworth-Heinemann.
- Berra-Montiel, J., and Molgado, A., 2020, Deformation quantization of constrained systems: a group averaging approach, *Classical and Quantum Gravity*, vol. 37, no. 5:055.009.  
**URL:** <https://doi.org/10.10882F1361-63822Fab6861>
- Boya, L.J., 2004, The Thermal Radiation Formula of Planck (1900), *Rev. Academia de Ciencias, Zaragoza*, 91–114.  
**URL:** <https://doi.org/10.48550/arXiv.physics/0402064>
- Carosso, A., 2022, Quantization: History and problems, *Studies in History and Philosophy of Science*, vol. 96:35–50.

- Case, W.B., 2008, Wigner functions and Weyl transforms for pedestrians, *American Journal of Physics*, vol. 76, no. 10:937–946.
- Cassado, A., and Guerro, S., 2023, Partial Bell-State Measurement with Type-II Parametric Down Conversion: Extracting Phase Information from the Zeropoint Field (I), *Entropy*, vol. 25, no. 3:393.
- Cembranos, J.A., and Skowronek, M., 2021, Functional Quantum Field Theory in Phase Space, *arXiv preprint arXiv:2108.06268*.
- Curtright, Fairlie, D.B., and Zachos, C.K., 2013, *A concise treatise on quantum mechanics in phase space*, World Scientific Publishing Company.
- Curtright, T., Fairlie, D., and Zachos, C., 1998, Features of time-independent Wigner functions, *Physical Review D*, vol. 58, no. 2.
- Darrigol, O., 2014, *Physics and necessity: Rationalist pursuits from the Cartesian past to the quantum present*, Oxford University Press, USA.
- Dirac, P.A.M., 1950, Generalized Hamiltonian Dynamics, *Canadian Journal of Mathematics*, vol. 2:129–148.
- Dirac, P.A.M., 2001, *Lectures on quantum mechanics*, vol. 2, Courier Corporation.
- Dito, G., and Turrubiates, F.J., 2006, The damped harmonic oscillator in deformation quantization, *Physics Letters A*, vol. 352, no. 4-5:309–316.
- Dito, J., 1990, Star-product approach to quantum field theory: the free scalar field, *letters in mathematical physics*, vol. 20:125–134.
- Dragoman, D., 2005, Phase Space Formulation of Quantum Mechanics. Insight into the Measurement Problem, *Physica Scripta*, vol. 72, no. 4:290.  
**URL:** <https://dx.doi.org/10.1238/Physica.Regular.072a00290>
- Esposito, C., 2015, *Formality Theory From Poisson Structures to Deformation Quantization*, Springer.  
**URL:** <http://www.springer.com/series/11953>
- Falconi, M., 2018, Concentration of Cylindrical Wigner Measures, *Communication in Contemporary Mathematics*, vol. 20, no. 5:1750.055.

- Fedosov, B.V., 1996, Deformation quantization and index theory, *Mathematical topics*, vol. 9.
- Garcia-Compean, H., Plebański, J., Przanowski, M., and Turrubiates, F., 2001, Deformation quantization of classical fields, *International Journal of Modern Physics A*, vol. 16, no. 14:2533–2558.
- Griffiths, D.J., 2021, *Introduction to Electrodynamics Fourth Edition*, Pearson.
- Groenewold, H., 1946, On the principles of elementary quantum mechanics, *Physica*, vol. 12, no. 7:405–460.  
**URL:** <https://www.sciencedirect.com/science/article/pii/S0031891446800594>
- Hall, B.C., 2013, *Quantum Theory for Mathematicians*, no. 267 in Graduate Texts in Mathematics, Springer New York.
- Hatfield, B., 2018, *Quantum field theory of point particles and strings*, CRC Press.
- Hirshfeld, A.C., and Henselder, P., 2002, Deformation quantization in the teaching of quantum mechanics, *American Journal of Physics*, vol. 70, no. 5:537–547.
- Kontsevich, M., 2003, Deformation quantization of Poisson manifolds, *Letters in Mathematical Physics*, vol. 66:157–216.
- de León, M., Salgado, M., and Vilariño, S., 2014, Methods of Differential Geometry in Classical Field Theories: k-symplectic and k-cosymplectic approaches.
- Moyal, J.E., and Bartlett, M.S., 1949, Quantum mechanics as a statistical theory, *Mathematical Proceedings of the Cambridge Philosophical Society*, 99–124.
- Murino, B., 2017, Hamiltonian formulation of EM.
- Rundle, R.P., and Everitt, M.J., 2021, Overview of the Phase Space Formulation of Quantum Mechanics with Application to Quantum Technologies, *Advanced Quantum Technologies*, vol. 4, no. 6:2100.016.  
**URL:** <https://onlinelibrary.wiley.com/doi/abs/10.1002/qute.202100016>
- Santos, E., 2020, Local Realistic Interpretation of Entangled Photon Pairs in the Weyl-Wigner Formalism, *Frontiers in Physics*, vol. 8.  
**URL:** <https://www.frontiersin.org/articles/10.3389/fphy.2020.00191>

Sardanashvily, G., 2006, Axiomatic classical (prequantum) field theory. Jet formalism.

da Silva, A.C., 2008, *Lectures on Symplectic Geometry*, vol. 1764, Springer Berlin Heidelberg.

**URL:** <http://link.springer.com/10.1007/978-3-540-45330-7>

Sternheimer, D., 1998, Deformation Quantization: Twenty Years After, *AIP Conference Proceedings*, vol. 453:107–145.

Wigner, E., 1997, On the Quantum Correction For Thermodynamic Equilibrium, *Part I: Physical Chemistry. Part II: Solid State Physics*, 749–759.

Zachos, C., 2002, Deformation quantization: quantum mechanics lives and works in phase-space, *International Journal of Modern Physics A*, vol. 17, no. 03:297–316.

Zachos, C., and Curtright, T., 1999, Phase-space quantization of field theory, *Progress of Theoretical Physics Supplement*, vol. 135:244–258.