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Titolo	A Reader in Early Franciscan Theology : The Summa Halensis / / ed. by Oleg Bychkov, Lydia Schumacher
Pubbl/distr/stampa	Fordham University Press, 2022 New York, NY : , : Fordham University Press, , [2022] ©2022
ISBN	0-8232-9886-8
Descrizione fisica	1 online resource (288 p.)
Collana	Medieval Philosophy: Texts and Studies
Disciplina	230/.2
Soggetti	Theology, Doctrinal PHILOSOPHY / Religious
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Contents -- A Guide to Citing the Summa Halensis -- Introduction -- Chapter 1 The Science of Theology -- Chapter 2 The Knowledge of God in This Life -- Chapter 3 The Necessary Existence of God -- Chapter 4 The Divine Nature -- Chapter 5 The Transcendentals -- Chapter 6 The Trinity -- Chapter 7 Christology -- Chapter 8 Free Choice -- Chapter 9 Moral Theology
Sommario/riassunto	A Reader in Early Franciscan Theology presents for the first time in English key passages from the Summa Halensis, one of the first major installments in the summa genre for which scholasticism became famous. This systematic work of philosophy and theology was collaboratively written mostly between 1236 and 1245 by the founding members of the Franciscan school, such as Alexander of Hales and John of La Rochelle, who worked at the recently founded University of Paris. Modern scholarship has often dismissed this early Franciscan intellectual tradition as unoriginal, merely systematizing the Augustinian tradition in light of the rediscovery of Aristotle, paving the way for truly revolutionary figures like John Duns Scotus. But as the selections in this reader show, it was this earlier generation that initiated this break with precedent. The compilers of the Summa Halensis first articulated many positions that eventually become closely

	associated with the Franciscan tradition on issues like the nature of God, the proof for God’s existence, free will, the transcendentals, and Christology. This book is essential reading for anyone wishing to understand the ways in which medieval thinkers employed philosophical concepts in a theological context as well as the evolution of Franciscan thought and its legacy to modernity.A Reader in Early Franciscan Theology is available from the publisher on an open-access basis.

2.	Record Nr.	UNISA996483172503316
	Autore	Nicola Fabio
	Titolo	Wave packet analysis of Feynman path integrals / / Fabio Nicola, S. Ivan Trapasso
	Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
	ISBN	3-031-06186-1
	Descrizione fisica	1 online resource (220 pages)
	Collana	Lecture notes in mathematics ; ; Volume 2305
	Disciplina	515.43
	Soggetti	Feynman integrals Gabor transforms Quantum theory Integrals de Feynman Teoria quàntica Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Intro -- Preface -- Contents -- Outline -- 1 Itinerary: How Gabor Analysis Met Feynman Path Integrals -- 1.1 The Elements of Gabor Analysis -- 1.1.1 The Analysis of Functions via Gabor Wave Packets -- 1.2 The Analysis of Operators via Gabor Wave Packets -- 1.2.1 The Problem of Quantization -- 1.2.2 Metaplectic Operators -- 1.3 The Problem of Feynman Path Integrals -- 1.3.1 Rigorous Time-Slicing Approximation of Feynman Path Integrals -- 1.3.2 Pointwise

Convergence at the Level of Integral Kernels for Feynman-Trotter Parametrices -- 1.3.3 Convergence of Time-Slicing Approximations in L(L2) for Low-Regular Potentials -- 1.3.4 Convergence of Time-Slicing Approximations in the Lp Setting -- Part I Elements of Gabor Analysis -- 2 Basic Facts of Classical Analysis -- 2.1 General Notation -- 2.2 Function Spaces -- 2.2.1 Lebesgue Spaces -- 2.2.2 Differentiable Functions and Distributions -- 2.3 Basic Operations on Functions and Distributions -- 2.4 The Fourier Transform -- 2.4.1 Convolution and Fourier Multipliers -- 2.5 Some More Facts and Notations -- 3 The Gabor Analysis of Functions -- 3.1 Time-Frequency Representations -- 3.1.1 The Short-Time Fourier Transform -- 3.1.2 Quadratic Representations -- 3.2 Modulation Spaces -- 3.3 Wiener Amalgam Spaces -- 3.4 A Banach-Gelfand Triple of Modulation Spaces -- 3.5 The Sjöstrand Class and Related Spaces -- 3.6 Complements -- 3.6.1 Weight Functions -- 3.6.2 The Cohen Class of Time-Frequency Representations -- 3.6.3 Kato-Sobolev Spaces -- 3.6.4 Fourier Multipliers -- 3.6.5 More on the Sjöstrand Class -- 3.6.6 Boundedness of Time-Frequency Transforms on Modulation Spaces -- 3.6.7 Gabor Frames -- 4 The Gabor Analysis of Operators -- 4.1 The General Program -- 4.2 The Weyl Quantization -- 4.3 Metaplectic Operators -- 4.3.1 Notable Facts on Symplectic Matrices.
4.3.2 Metaplectic Operators: Definitions and Basic Properties -- 4.3.3 The Schrödinger Equation with Quadratic Hamiltonian -- 4.3.4 Symplectic Covariance of the Weyl Calculus -- 4.3.5 Gabor Matrix of Metaplectic Operators -- 4.4 Fourier and Oscillatory Integral Operators -- 4.4.1 Canonical Transformations and the Associated Operators -- 4.4.2 Generalized Metaplectic Operators -- 4.4.3 Oscillatory Integral Operators with Rough Amplitude -- 4.5 Complements -- 4.5.1 Weyl Operators and Narrow Convergence -- 4.5.2 General Quantization Rules -- 4.5.3 The Class FIO'(S,vs) -- 4.5.4 Finer Aspects of Gabor Wave Packet Analysis -- 5 Semiclassical Gabor Analysis -- 5.1 Semiclassical Transforms and Function Spaces -- 5.1.1 Sobolev Spaces and Embeddings -- 5.2 Semiclassical Quantization, Metaplectic Operators and FIOs -- Part II Analysis of Feynman Path Integrals -- 6 Pointwise Convergence of the Integral Kernels -- 6.1 Summary -- 6.2 Preliminary Results -- 6.2.1 The Schwartz Kernel Theorem -- 6.2.2 Uniform Estimates for Linear Changes of Variable -- 6.2.3 Exponentiation in Banach Algebras -- 6.2.4 Two Technical Lemmas -- 6.3 Reduction to the Case .12em.1emdotteddotteddotted.76dotted. 6h=(2)-1 -- 6.4 The Fundamental Solution and the Trotter Formula -- 6.5 Potentials in M0,s -- 6.6 Potentials in Cb -- 6.7 Potentials in the Sjöstrand Class M,1 -- 6.8 Convergence at Exceptional Times -- 6.9 Physics at Exceptional Times -- 7 Convergence in L(L2) for Potentials in the Sjöstrand Class -- 7.1 Summary -- 7.2 An Abstract Approximation Result in L(L2) -- 7.3 Short-Time Analysis of the Action -- 7.4 Estimates for the Parametrix and Convergence Results -- 8 Convergence in L(L2) for Potentials in Kato-Sobolev Spaces -- 8.1 Summary -- 8.2 Sobolev Regularity of the Hamiltonian Flow -- 8.3 Sobolev Regularity of the Classical Action.
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