

Title	Authors	Date	Key content and comments
Contextual objectivity : a realistic interpretation of quantum mechanics	PG	2000-2001	Defines a quantum state and measurement using this definition.
Contexts, Systems and Modalities: a new ontology for quantum mechanics	AA, PG	1/2015	Foundational paper for CSM. Defines contexts, systems and modalities.
Violation of Bell's inequalities in a quantum realistic framework , International Journal of Quantum Information	AA, PG	2/2016	Reuses a lot of content from the first paper, commenting on observed "loophole free" violation of Bell's inequalities.
Recovering the quantum formalism from physically realist axioms , Nature Scientific Reports	AA, PG	12/2016	Contains CSM axioms. Derives Born's probabilistic rule and unitary transforms from CSM.
What is quantum in quantum randomness? , Philosophical Transactions of the Royal Society A	PG, AA	4/2018	Contains postulates on CSM and elementary systems. Defines ontological and quantum randomness. Also links between CSM and quantum thermodynamics.
Extracontextuality and Extravalence in Quantum Mechanics , Phil. Transactions of the Royal Society A	AA, PG	4/2018	Defines extracontextuality and extravalence. Kochen-Specker and Gleason theorems reference. Cabello frame example.
A generic model for quantum measurements	AA, PG	7/2019	About interferences, and QND measurement. Avoids the multiworld interpretation of QM.
Deriving Born's rule from an Inference to the Best Explanation	AA, PG	10/2019	3 theorems on probabilistic law when changing context. Overview of Gleason's theorem, without Uhlhorn theorem.
The Einstein-Bohr debate: finding a common ground of understanding ?	NF, PG	7/2019	The title says it all.
Completing the Quantum Formalism in a Contextually Objective Framework , Foundations of Physics	PG	12/2020	About $ \psi\rangle$ being not complete to describe a modality and QM being incomplete because it attempts to describe systems without their context.
Contextual inferences, nonlocality, and the incompleteness of quantum mechanics , Entropy	PG	12/2020-1/2022	EPR paradox, light cone, elementary locality and predictive completeness (and incompleteness of ψ).
Revisiting Born's Rule through Uhlhorn's and Gleason's Theorems , Entropy	AA, PG	11/2021, 1/2022	Follow-up to « Deriving Born's rule... » paper, adding Uhlhorn theorem in the reasoning.
A contextually objective approach to the extended Wigner's friend thought experiment	MF, PG	1/2023	Interpretation of Wigner friend experiment through CSM.
Revisiting Quantum Contextuality in an Algebraic Framework	MVDB, PG	4/2023	Defines quantum extracontextuality again, and introduces Infinite tensor products (ITP).
Postulating the unicity of the macroscopic physical world , Entropy	MVDB, PG	10/2023	CSM formalized as 5 postulates and 2 definitions, built on the unicity of the macroscopic world.
The two-spin enigma: from the helium atom to quantum ontology	PG, AA, NF, MVDB, OE	6/2024	Exposes CSM through the lens of the helium atom spin mystery and a computational equivalent.
Comments on New Ontology of Quantum Mechanics called CSM	Marian Kupczynski	2016	The single available critic of CSM. The author may have missed many points in CSM but it was at an early stage of its development.