	doc_1		doc_2		decision	id
cases	**authors**	• Johannes Keller • Franz Luef	**authors**	• Johannes Keller • Franz Luef	DUPLICATES	91
	title	Polyanalytic Toeplitz operators: isomorphisms, symbolic calculus and approximation of Weyl operators	**title**	Polyanalytic Toeplitz operators: isomorphisms, symbolic calculus and approximation of Weyl operators		
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	id	id-4827794489501312413	**id**	id-5530807601503970229		
	abstract		**abstract**	We discuss an extension of Toeplitz quantization based on polyanalytic functions. We derive isomorphism theorem for polyanalytic Toeplitz operators between weighted Sobolev-Fock spaces of polyanalytic functions, which are images of modulation spaces under polyanalytic Bargmann transforms. This generalizes well-known results from the analytic setting. Finally, we derive an asymptotic symbol calculus and present an asymptotic expansion of complex Weyl operators in terms of polyanalytic Toeplitz operators.		
	versions		**versions**			