

cases	doc_1		doc_2		decision	id
	authors	<ul style="list-style-type: none">Katrin Wehrheim	authors	<ul style="list-style-type: none">Wehrheim, Katrin	DUPLICATES	1108
	title	Fredholm notions in scale calculus and Hamiltonian Floer theory	title	Fredholm notions in scale calculus and Hamiltonian Floer theory		
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	id	id-2213812643114953463	id	id5791589284859831738		
	abstract	We give an equivalent definition of the Fredholm property for linear operators on scale Banach spaces and introduce a (nonlinear) scale Fredholm property with respect to a splitting of the domain. The latter implies the Fredholm property introduced by Hofer-Wysocki-Zehnder in terms of contraction germs, but is easier to check in practice and holds in applications to holomorphic curve moduli spaces. We demonstrate this at the example of trajectory breaking in Hamiltonian Floer theory.	abstract	We give an equivalent definition of the Fredholm property for linear operators on scale Banach spaces and introduce a (nonlinear) scale Fredholm property with respect to a splitting of the domain. The latter implies the Fredholm property introduced by Hofer-Wysocki-Zehnder in terms of contraction germs, but is easier to check in practice and holds in applications to holomorphic curve moduli spaces. We demonstrate this at the example of trajectory breaking in Hamiltonian Floer theory.Comment: v2: corrections in some nonlinear estimates v3: complete revision - giving full details and correcting substantial mistakes in Floer applicatio		
	versions		versions			