

1. Record Nr.	UNINA9910794343603321
Autore	Castro Angel <1982->
Titolo	Global smooth solutions for the inviscid SQG equation / / Angel Castro, Diego Cordoba, Javier Gomez-Serrano
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2020] ©2020
ISBN	1-4704-6247-8
Descrizione fisica	1 online resource (102 pages)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 1292
Classificazione	35Q3565G3076B03
Disciplina	620.1064
Soggetti	Fluid dynamics - Mathematical models Inviscid flow Flows (Differentiable dynamical systems) Fluid mechanics Smoothness of functions Geostrophic currents - Mathematical models Interval analysis (Mathematics) Differential equations, Nonlinear - Numerical solutions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Forthcoming, volue 266, number 1292."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	The equations -- Main theorem and Crandall-Rabinowitz (C-R) theorem -- Checking the hypotheses of the C-R theorem for the equation 2.7.
Sommario/riassunto	"In this memoir, we show the existence of the first non trivial family of classical global solutions of the inviscid surface quasi-geostrophic equation"--