

ICRAMCS 2026

THE EIGHTH EDITION OF THE INTERNATIONAL CONFERENCE ON
RESEARCH IN APPLIED MATHEMATICS AND COMPUTER SCIENCE
April 23-24-25, 2026 | Marrakech, Morocco



Fractional Integration in Little Hölder Spaces: Example of the Hadamard Semigroup

Communication Info

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Keywords:

- (1) Holomorphic semigroup
- (2) Little Holder spaces
- (3) Hadamard semigroup

Abstract

We study fractional integration in little Hölder spaces. In particular, we consider the Hadamard semigroup and show that it forms a holomorphic semigroup of bounded linear operators on these spaces.

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