

# Décomposition de Littlewood-Paley et opérateurs paradifférentiels

Sacha Ben-Arous, Mathis Bordet

ayaya

## I Test

THÉORÈME I-1. — *This is a theorem.*

LEMME I-1 (Plongement lisse). — This is a theorem.This is a theorem.This is a theorem.This is a  
theorem.This is a theorem.This is a theorem.This is a theorem.This is a theorem.This is a theorem.This  
is a theorem.This is a theorem.This is a theorem.This is a theorem.This is a theorem.This is a theorem.

THÉORÈME A (Plongement isométrique). — *This is a manual theorem.*

REMARQUE. This statement is true, I guess.

Here is Théorème I-1 and Lemme I-1 and Théorème A.

DÉFINITION I-1 (Fibration). A fibration is a mapping between two topological spaces that has the homotopy lifting property for every space  $X$ .

PREUVE DU THÉORÈME A. To prove it by contradiction try and assume that Définition I-1 the statement is false, proceed from there and at some point you will arrive to a contradiction.  $\square$