Poincare's *h*-Cobordism and the price of fish

Kongsak Tipakornrojanakit

September 30, 2016

Contents

Abstract

This paper discusses a new extension of Drivle's Theorem, stated in Theorem 1. For earlier work, see [2, 1].

1   Drivle's Theorem and the R-O Lemma

In this section, we will state and prove our main result. The fundamental equation of wet fish-pricing is that of Whackabath [2]:

$$f_{xxx} + 3f_{xx} - 2 \cdot \mathrm{Ker}(f) = 0. \tag{1}$$

We will prove the following:

Theorem 1 (Whackabath's equation)**.** (1) *is hardly ever used.*

2   Gackworth's Lemma in Ω-topologies

It is an interesting question whether our Theorem 1 for Whackabath's equation (1) (defined in Section 1 on page 1) in standard topology can be applied without change in Gackworth's Ω-topologies. A very full discussion of Gackworth's work was given in [1].

References

[1] B. J. M. Wilkins, *Topological Dynamics and the Haddock Fishery*, Unpublished, 1987.

[2] T. I. Strainer & B. J. M. Wilkins, *A new result on drivles theorem*, Proc. Iceland Cod Fish Soc. Lond. Ser. D **134** (1993), 8678–8679.