

Poincaré’s h -Cobordism and the price of fish

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Introduction

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

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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]:

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

We will prove the following:

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

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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].

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References

- [1] B. J. M. Wilkins, "Topological Dynamics and the Haddock Fishery", Unpublished, 1987.
- [2] T. I. Strainer & B. J. M. Wilkins 1993, A new result on Drivle's Theorem, *Proc. Iceland Cod Fish Soc. Lond. Ser. D*, **134** (8678–8679).