

Title: Linearizable 3-webs and the Gronwall conjecture

Author(s): Joseph Grifone, Zoltán Muzsnay and J. Saab

In the article [?], we studied the linearizability problem for 3-webs on 2-dimensional manifolds. Presenting in [?] the elements of the theory and the results, we announced a forthcoming paper with all the computations and explicit formulas. Four years after the publication of our article V. V. GOLDBERG and V. V. LYCHAGIN obtained similar results by a different method in [?] and [?]. However, they obtained incorrect results on the linearizability of a certain web, as it was shown in [?]. Now, as it was announced in [?], we present the complete version of [?] with computations and explicit formulas, because this theory shows effectiveness and correctness in concrete examples.

Address:

Joseph Grifone
Laboratoire Emile Picard
U.M.R. C.N.R.S. 5580
Département de Mathématiques
Université Paul Sabatier
118, Route de Narbonne
31062 Toulouse Cedex
France
E-mail: grifone@picard.ups-tlse.fr

Address:

Zoltán Muzsnay
Department of Mathematics
University of Debrecen
H-4010 Debrecen, P. O. Box 12
Hungary
E-mail: muzsnay@math.klte.hu

Address:

J. Saab
Faculté des sciences et de Génie
Université Saint Esprit de Kaslik
B.P. 446 Jounieh
Lebanon
E-mail: jihadsaab@yahoo.fr