

Bonjour ririkrkr,

Le Marle ne va pas tarder paraît-il... Trois semaines au plus !?!

Mais est-ce que vous vous êtes procuré l'excellent Kouris avant de demander des nouvelles du Marle ;) Ou le Faraut ?!

Je suis quant à moi à la recherche du Tome 9 du Dieudonné (Éléments d'analyse !)

Et le Boyer de géométrie ? Je suis tombé en surfant sur un extrait de la recension dans Zentralblatt. La voici :

Boyer, Pascal  
Algebra and geometries. (Algèbre et géométries.)  
(French)

Zbl 1390.51002

Tableau Noir 105. Paris: Calvage et Mounet (ISBN 978-2-91-635230-5/hbk). xxiv, 724 p. (2015).

This is a major monograph devoted to classical geometry – from Euclidean to many of the various geometries that appeared during the 19th century – seen from the vantage point of their groups of transformations, in the manner of Klein's Erlanger Programm. It starts with affine geometry and then moves on to Euclidean geometry, projective geometry of dimensions 1 and higher, inversive geometry, hyperbolic geometry, spherical geometry, and elliptic geometry. The author studies one and the same theorem, such as Brianchon's theorem, in the various geometries in which it can be stated, and emphasizes the different approaches used to prove it in various settings. The treatment is comprehensive. One finds a wealth of results not found in any recent textbook of geometry, from a plethora of important points of a triangle to deep considerations regarding area and volume, such as F. Bolyai's theorem, the Dehn-Hadwiger theorem, the Banach-Tarski paradox, the Dehn-Sommerville equations, to the Erdős-Mordell inequality, to various forms of Poncelet's closure theorem, to Morley's theorem, to ruler and compass constructibility, to constructions with conic sections, to origami. The book is exquisitely produced and bound, with an abundance of excellent illustrations, a pleasure to read.

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Reviewer: Victor V. Pambuccian (Phoenix)

