

Extrait du <BR/>UREM :<BR/>Unité de Recherche sur l'Enseignement des Mathématiques

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# Notices de l'AMS juin-juillet 2009

- Extra-muros -



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Le magazine

[Notices de l'American Mathematical Society n° 56, juin juillet 2009](#)

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# Notices

of the American Mathematical Society

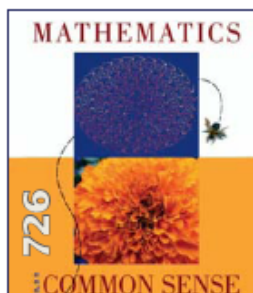
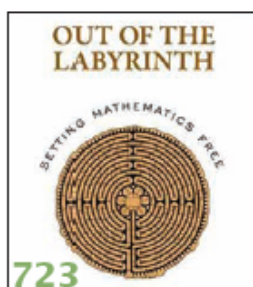
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*Friedrich E. P. Hirzebruch and Matthias Kreck*  
The notion of genus appears in many areas of mathematics. The authors discuss this concept, from its origins in Riemann surface theory to its use in geometry, topology, and the index theorems of analysis.