

PUBLICATION LIST

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1. Gabriel Bădițoiu, *Classification of Pseudo-Riemannian submersions with totally geodesic fibres from pseudo-hyperbolic spaces*, [arXiv:1001.4490](#), accepted for publication on February 8, 2012 in Proceedings of the London Mathematical Society.
2. Gabriel Bădițoiu, Stere Ianuș, Anna Maria Pastore, *Spectral geometry of Riemannian Legendre foliations*, [arxiv.org:1009.3194](#), accepted for publication in Bull. Math. Soc. Sci. Math. Roumanie.
3. Gabriel Bădițoiu and Steven Rosenberg, *Lax pair equations and Connes-Kreimer Renormalization*, Communications in Mathematical Physics **296** (2010), no. 3, 655–680, DOI: 10.1007/s00220-010-1034-7, MR2628819 (2011h:81146).
4. Gabriel Badițoiu, *Integrable systems and Feynman diagrams*, Ph.D. thesis 2007, Boston University, 122 pp. ISBN: 978-1109-97582-6, ProQuest LLC, official PDF scan available at <http://gradworks.umi.com/32/59/3259803.html>.
5. Gabriel Bădițoiu, Richard H. Escobales Jr. and Stere Ianuș, *A Cohomology $(p+1)$ Form Canonically Associated with Certain Codimension- q Foliations on a Riemannian Manifold*, Tokyo Journal of Mathematics **29** (2006), no. 1, 247–270. DOI: 10.3836/tjm/1166661878, MR2258283 (2007k:53020), [arXiv:math.DG/0508164](#).
6. Gabriel Bădițoiu, *Semi-Riemannian submersions with totally geodesic fibres*, Tohoku Mathematical Journal **56** (2004), no. 2, 176–204, DOI: 10.2748/tmj/1113246550, MR2053318 (2005a:53115), [arXiv:math/0005254](#).
7. Gabriel Bădițoiu, *Semi-Riemannian submersions with totally umbilic fibres and warped products*, Mathematical Reports (București) **6(56)** (2004), no. 1, 1–7, MR2068392(2005d:53110).
8. Gabriel Bădițoiu and Stere Ianuș, *Semi-Riemannian submersions from real and complex pseudo-hyperbolic spaces*, Differential Geometry and its Applications **16** (2002), 79–94. DOI: 10.1016/S0926-2245(01)00070-5, MR1877586 (2003h:53095), [arXiv:math/0005228](#).
9. Gabriel Bădițoiu and Stere Ianuș, *Semi-Riemannian submersions with totally umbilic fibres*, Rendiconti del Circolo Matematico di Palermo **51** (2002), 249–276. DOI: 10.1007/BF02871654, MR1916929 (2003f:53124), [arXiv:math/0206014](#).
10. Gabriel Bădițoiu, *Riemannian submersions with weak-harmonic distributions*, (in Romanian) Math. Rep. (București) **1(51)**(1999), no. 1, 3–8.
11. Gabriel Bădițoiu, Klaus Buchner and Stere Ianuș, *Some remarkable connections and semi-Riemannian submersions*, Bulletin Mathématique de la Société de Sciences Mathématiques de Roumanie **41** (1998), no. 3, 153–169. MR1880200 (2002k: 53035).