

Selected papers since 1992

Ye-Lin Ou

23. Ze-Ping Wang and Ye-Lin Ou, Biharmonic Riemannian submersions from 3-manifolds, *Math. Zeitschrift*, to appear, 2011.
22. Ye-Lin Ou, *Biharmonic hypersurfaces in Riemannian manifolds*, *Pacific Journal of Math*, 248 (1), (2010), 217–232.
21. E. Loubeau and Ye-Lin Ou, *Biharmonic maps and morphisms from conformal mappings*, *Tohoku Math Jour*, Vol. 62, Number 1 (2) (2010), 55-73.
20. Ye-Lin Ou, *On conformal biharmonic immersions*, *Annals of Global Analysis and Geometry*, 36(2) (2009), 133-142.
19. Z.-P. Wang and Y. -L. Ou, *Some classification of ∞ -harmonic maps*, *Balkan Journal of Geometry and its Applications*, 14(1) (2009), 120-131.
18. Ye-Lin. Ou and Z.-P. Wang, *Linear biharmonic maps into Sol, Nil, and Heisenberg spaces*, *Mediterranean Jour. Math*, 5 (4) (2008), 379-394.
17. Ye-Lin Ou and F. Wilhelm, Horizontally homothetic submersions and nonnegative curvature, *Indiana University Mathematics Journal*, Vol. 56, No. 4, 2007, 243-261.
16. Ye-Lin Ou and G. Walschap, A classification of horizontally homothetic submersion from space forms of nonnegative curvature, *Bulletin of London Mathematical Society*, Vol. 38, No. 3, 2006, 485-493.
15. Ye-Lin Ou, p -Harmonic morphisms, biharmonic morphisms, and nonharmonic biharmonic maps, *Journal of Geometry and Physics*, Vol. 56, No. 3, 2006, 358-374.
14. Ye-Lin Ou, p -Harmonic functions and the minimal graph equation in a Riemannian manifold, *Illinois Journal Mathematics*, Vol. 49, No. 3, 2005, 911-927.
13. Ye-Lin Ou, On p -harmonic morphisms and conformally flat spaces, *Mathematical Proceedings of Cambridge Philosophical Society*, Vol. 139, No. 2, 2005, 317-332.
12. Ye-Lin Ou, p -Harmonic morphisms, minimal foliations, and rigidity of metrics, *Journal of Geometry and Physics*, Vol. 52, No, 4, 2004, 365-381.
11. Ye-Lin Ou and S. W. Wei, A classification and some constructions of P -harmonic morphisms, *Contributions to Algebra and Geometry*, Vol. 45, No. 2, 2004, 637-647.
10. E. Loubeau and Ye-Lin Ou, The characterizations of biharmonic morphisms, *Differential geometry and its applications*, *Math. Publ.*, 3, 2001, 31-41.
9. Ye-Lin Ou, Biharmonic morphisms between Riemannian manifolds, *Geometry and Topology of Submanifolds X*, World Sci. Publishing, NJ, 2000, 231-239.
8. P. Baird and Ye-Lin Ou, Harmonic polynomial morphisms and Milnor fibrations, in “Harmonic morphisms, harmonic maps and the related topics” *Research Notes Math* 413, Chapman & Hall, 2000, 61-66.
7. Ye-Lin Ou, Generalized Hopf constructions and eigenmaps between spheres, *Contributions to Algebra and Geometry*, 40(1) (1999), 267-274.
6. Ye-Lin Ou, Quadratic harmonic morphisms and O-systems, *Annales de l’institut Fourier*, vol. 47, No. 2, 1997, 687-713.

5. P. Baird and Ye-Lin Ou, Harmonic maps and morphisms from multilinear norm-preserving mappings, *International Journal of Mathematics*, Vol. 8, No. 2, 1997, 187-211.
4. Ye-Lin Ou and J. C. Wood, On Classifications of quadratic harmonic morphisms between Euclidean spaces, *Algebras Groups and Geometry*, vol. 13, 1996, 41-53.
3. Ye-Lin Ou, Complete lifts of harmonic maps and morphisms between Euclidean spaces, *Contributions to Algebra and Geometry*, Vol. 37, No.1, 1996, 31-40.
2. Ye-Lin Ou, Quasiumbilical Einsteinnian hypersurfaces and conformally flat spaces, *Bollettino della Unione Matematica Italiana*, Vol. 7, No, A, 1993, 221-226.
1. Ye-Lin Ou, Some remarks on the tangent sphere bundles of surfaces, *J. of Math. (P. R. China)*, 11(1) (1992), 49-52 (in Chinese).

★ **Papers submitted for publication or in progress:**

9. Ye-Lin Ou and Liang Tang, The generalized Chen's conjecture on biharmonic submanifolds is false, submitted for publication, 2010.
8. Ye-Lin Ou, Some constructions of biharmonic maps and Chen's conjecture on biharmonic hypersurfaces, submitted for publication, 2009.
7. Ye-Lin Ou, T. Troutman, and F. Wilhelm, ∞ -Harmonic maps and morphisms, submitted for publication, 2010.
6. Ye-Lin Ou and Sheng Lu, Biharmonic maps in two dimensions, submitted for publication, 2010.
5. Ye-Lin Ou and Ze-Ping Wang, Constant mean curvature and totally umbilical surfaces in 3-dimensional geometries, preprint in preparation.
4. Ye-Lin Ou, Biharmonic conformal immersions into 3-manifolds, work in progress.
3. Ye-Lin Ou and Ping-Ping Li, Minimal and biharmonic surfaces in 4-dimensional Euclidean space, work in progress.
2. Liang Tang and Ye-Lin Ou, Biharmonic hypersurfaces in a conformally flat space. Preprint in preparation.
1. Ye-Lin Ou, Some classifications of biharmonic surfaces in 3-dimensional geometries. Work in progress.