

Publication List

- (1) J. Chen, M. Warren: *A flow towards Hamiltonian stationary Lagrangian submanifolds* (in preparation)
- (2) J. Chen, Y. Li: *Uniform Convergence of Metrics on Alexandrov Surfaces with Bounded Integral Curvature*, arXiv:2208.05620
- (3) J. Chen, J. M.-S. Ma: *Compactness of Hamiltonian stationary Lagrangian submanifolds in symplectic manifolds*, arXiv:2209.12668
- (4) J. Chen, R. Shankar, Y. Yuan: *Regularity for convex viscosity solutions to special Lagrangian equation*, Comm. Pure Appl. Math. (2023)
- (5) J. Chen, M. Warren: *Compactification of the space of Hamiltonian stationary Lagrangian submanifolds with bounded total extrinsic curvature and volume*, J. Differential Geometry (to appear)
- (6) A. Bhattacharya, J. Chen, M. Warren: *Regularity of Hamiltonian stationary equations in symplectic manifolds*, Advances in Mathematics **424** (2023), Paper No. 109059, 32 pp.
- (7) J. Chen: *Regularity of critical points of the volume functional for Lagrangian submanifolds*, J. Geom. Anal. **32** (2022), no. 12, Paper No. 289, 15 pp
- (8) J. Chen, L.D. Huang: *On Stability of the fibres of Hopf surfaces as harmonic maps and minimal surfaces*, Trans. Amer. Math. Soc. **374**, no.12, (2021), 8661-8690
- (9) J. Chen, J. M.-S. Ma: *On the compactness of Hamiltonian stationary Lagrangian surfaces in Kähler surfaces*, Calc. Var. Partial Differential Equations **60** (2021), no.2
- (10) J. Chen, J. M.-S. Ma: *Geometry of Lagrangian self-shrinking tori and applications to the Piecewise Lagrangian Mean Curvature Flow*, Amer. J. Math. **143** (2021), no.1 227-264
- (11) J. Chen, M. Warren: *On the regularity of Hamiltonian stationary Lagrangian submanifolds*, Adv. Math, **343** (2019), 319-352
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- (13) J. Chen, Y. Yuan: *Hamiltonian stationary cones with isotropic links*, Pacific J. Math. **295** (2018), 317-327
- (14) J. Chen, M. Warren: *Radial solutions of a fourth order Hamiltonian stationary equation*, J. Differential Equations, **265** (2018), 1576-1595
- (15) J. Chen, Y. Li: *Extendability of Conformal Structures on Punctured Surfaces*, IMRN, (2017), 1-29
- (16) J. Chen, Y. Li: *Radially symmetric solutions to the graphic Willmore surface equations*, J. Geom. Anal. **27** (2017), 671-688
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- (18) J. Chen, A. Fraser, C. Pang, *Minimal immersions of bordered Riemann surfaces with free boundary*, Trans. Amer. Math. Soc. **367** (2015), 2487-2507
- (19) J. Chen, Y. Li: *Bubble tree of branched immersions and applications to the Willmore functional*, Amer. J. Math. **136** (2014), 1107-1154
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- (21) J. Chen: *The Willmore functional of surfaces*, Appl Math J. Chinese Univ. (2013) **28** (4): 485-493
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