

Liste de publications de Nefton PALI

Publication 1 : $\bar{\partial}$ -Coherent Sheaves over Complex Manifolds, *Mathematische Annalen*. Vol 336, (2006), Nr 3, 571-615.

Publication 2 : Plurisubharmonic functions and positive $(1,1)$ -currents over almost complex manifolds, *Manuscripta Mathematica*, volume 118, (2005) issue 3, pp. 311 - 337.

Publication 3 : The Chern Connection of the Tangent Bundle of Almost Complex Manifolds, *New-York Journal of Mathematics*. 11, (2005) 597 - 634.

Publication 4 : A consequence of a lower bound of the K-energy, *International Mathematics Research Notices*, (2005), no. 50, 3081 - 3090

Publication 5 : Characterization of Einstein-Fano manifolds via the Kähler-Ricci flow, *Indiana Univ. Math. J.* 57, (2008), no. 7, 3241-3274.

Publication 6 : On the solutions of the Aubin equation and the K -energy of Einstein-Fano manifolds, *Complex Var. Elliptic Equ.* 54, (2009), no. 11, 1019-1054.

Publication 7 : Degenerate Complex Monge-Ampère equations over compact Kähler Manifolds (En collaboration avec Jean-Pierre Demailly), *Internat. J. Math.* 21, (2010), no. 3, 357-405.

Publication 8 : On the L^2 -extension of twisted holomorphic sections of singular hermitian line bundles, *Annali di Matematica Pura ed Applicata*, 191 (2011) no. 3, 363-394.

Publication 9 : A second variation formula for Perelman's \mathcal{W} -functional along the modified Kähler-Ricci flow, arXiv :1201.0970v1, (2012), *Mathematische Zeitschrift*. 276 (2014), no. 1-2, 173-189.

Publication 10 : The total second variation of Perelman's \mathcal{W} -functional, *Calc. Var. Partial Differential Equations* 50 (2014), no. 1-2, 115-144.

Publication 11 : Variation formulas for the complex components of the Bakry-Emery-Ricci endomorphism, arXiv :1406.0805. (2014), à paraître *Complex Var. Elliptic Equ.*

Publication 12 : The Soliton-Kähler-Ricci flow over Fano manifolds, (union de arXiv :1203.3682 et arXiv :1203.3684, (2012)), *New York J. Math.* 20 (2014), 845-919.

Publication 13 : Variational stability of Kähler-Ricci solitons, *Advances in Mathematics* 290, (2016), 15-35.

Publication 14 : The Soliton-Kähler-Ricci flow with variable volume forms,

Complex Manifolds, Vol 3, Issue 1, (2016), 41-144.

Publication 15 : Chern-Ricci invariance along G -geodesics, Michigan Mathematical Journal, Volume 66, Number 3, (2017), 611-623.

Publication 16 : On complex deformations of Kähler-Ricci solitons, Kodai Mathematical Journal 2018, to appear.

Publication 17 : Concavity of Perelman's \mathcal{W} -functional over the space of Kähler potentials, European Journal of Mathematics, 3 (2017), no. 3, 587-602

Publication 18 : Exact Fourier inversion formula over manifolds, Journal of Pseudo-Differential Operators and Applications, 8 (2017), no. 4, 623-628.

Publication 19 : Multiple Lie Derivatives and Forest, (en collaboration avec Florent Hivert), Advances in Mathematics, 354, (2019), 28 pp.

Prépublication 20 : On maximal totally real embeddings, HAL server <https://hal.science/hal-04242579>, (2023), 57 pp.

Prépublication 21 : Explicit maximal totally real embeddings, (en collaboration avec Bruno Salvy), HAL server, <https://hal.science/hal-04266729>, (2023), 53 pp.

0.1 Notes sur des résultats majeurs

Lecture notes on the Ein-Popa extension result, arXiv :0904.0842. (2009).