

СПИСЪК НА ПУБЛИКАЦИИТЕ (ВСИЧКИ)

на Александър Владимиров Петков

1. Ivanov, S., A. Petkov. "HKT manifolds with holonomy $SL(n, \mathbb{H})$ " International Mathematics Research Notices, vol. 2012, issue 16, 2012, pp. 3779-3799.
2. Ivanov, S., A. Petkov, D. Vassilev. "The sharp lower bound of the first eigenvalue of the sub-Laplacian on a quaternionic contact manifold in dimension seven" Nonlinear Analysis 93 (2013): 51-61.
3. Petkov, A. "A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold" Ann. Sofia Univ., Fac. Math. and Inf. 101 (2013): 193-213.
4. Ivanov, S., A. Petkov, D. Vassilev. "The Sharp Lower Bound of the First Eigenvalue of the Sub-Laplacian on a Quaternionic Contact Manifold" Journal of Geometric Analysis, vol. 24, No. 2 (2014): 756-778.
5. Ivanov, S., A. Petkov, D. Vassilev. "The Obata sphere theorems on a quaternionic contact manifold of dimension bigger than seven" Journal of Spectral Theory, vol. 7, No. 4 (2017), 1119-1170.
6. Ivanov, S., A. Petkov. "The qc Yamabe problem on non-spherical quaternionic contact manifolds" Journal de Mathématiques Pures et Appliquées, vol. 118, October 2018, pp. 44-81.
7. Petkov, A. "An Entropy Formula for the Heat Equation on a Quaternionic Contact Manifold" C. R. Acad. Bulg. Sci., Tome 72, No 10, 2019.

8. Petkov, A. "On Some Applications of Entropy Formula for the Heat Equation on a Quaternionic Contact Manifold" C. R. Acad. Bulg. Sci., Tome 73, No 2, 2020.

СПИСЪК НА ПУБЛИКАЦИИТЕ (САМО ЗА КОНКУРСА)

на Александър Владимиров Петков

1. Ivanov, S., A. Petkov, D. Vassilev. "The sharp lower bound of the first eigenvalue of the sub-Laplacian on a quaternionic contact manifold in dimension seven" *Nonlinear Analysis* 93 (2013): 51-61.
2. Petkov, A. "A Lichnerowicz-type result on a seven-dimensional quaternionic contact manifold" *Ann. Sofia Univ., Fac. Math. and Inf.* 101 (2013): 193-213.
3. Ivanov, S., A. Petkov, D. Vassilev. "The Sharp Lower Bound of the First Eigenvalue of the Sub-Laplacian on a Quaternionic Contact Manifold" *Journal of Geometric Analysis*, vol. 24, No. 2 (2014): 756-778.
4. Ivanov, S., A. Petkov. "The qc Yamabe problem on non-spherical quaternionic contact manifolds" *Journal de Mathématiques Pures et Appliquées*, vol. 118, October 2018, pp. 44-81.
5. Petkov, A. "An Entropy Formula for the Heat Equation on a Quaternionic Contact Manifold" *C. R. Acad. Bulg. Sci.*, Tome 72, No 10, 2019.
6. Petkov, A. "On Some Applications of Entropy Formula for the Heat Equation on a Quaternionic Contact Manifold" *C. R. Acad. Bulg. Sci.*, Tome 73, No 2, 2020.

