

CURRICULUM VITAE  
**Nguyen Van Thien**

## Personal Data

---

- Email : thiennv15@fe.edu.vn
- Nationality : Vietnamese
- Current address: Department of Mathematics,  
FPT University, Education zone, Hoa Lac high tech park,  
Km29 Thang Long highway, Thach That ward, Hanoi, Vietnam.

## Education

---

- 2015-2018 *Ph.D student in Mathematics*  
Institute of Mathematics, Department of Mathematics and Computer Science,  
Jagiellonian University  
Dissertation : On Cegrell classes for  $m$ -subharmonic functions  
Supervisor : Dr hab. Rafał Czyż
- 2011-2012 *Master 2 in fundamental Mathematics*  
Institute Fourier, Grenoble Alps University , Grenoble, France  
Thesis title : Flags of bounded height  
Supervisor : Prof. Emmanuel Peyre
- 2010-2011 *Master 1 in Mathematics*  
Institute of Mathematics, VAST, Vietnam
- 2005-2009 *B.S. in Mathematics*  
Hanoi National University, Vietnam

## Research Interest

---

Complex Hessian Operator, Monge-Ampère Operators, Kähler manifolds, Applied mathematics

## Publications

---

1. S. Migórski, V.T. Nguyen, S. Zeng, *Nonlocal elliptic variational-hemivariational inequalities*, J. Integral. Equ. Appl 364 (2020),124668.
2. V.T. Nguyen, *Maximal  $m$ -subharmonic functions and the Cegrell class  $\mathcal{N}_n$* , Indagationes Mathematicae 30 (2019), 717-739.
3. V.T. Nguyen, *Hessian boundary measures*, International Journal of Mathematics 30 (2019), no. 3, 17 pp.
4. V.T. Nguyen, *A characterization of the Cegrell classes and generalized  $m$ -capacities*, Ann. Polon. Math. 121 (2018), 33-43.
5. V.T. Nguyen, *On  $m$ -subharmonic ordering of measures*, Results Math. 73 (2018), no. 1, Art. 5, 18 pp.
6. V.T. Nguyen, *The convexity of radially symmetric  $m$ -subharmonic functions*, Complex. Var. Elliptic. Equ. published online (2017), 1-11.
7. R. Czyż, V.T. Nguyen, *On a constant in the energy estimate*, C. R. Math. Acad. Sci. Paris 355 (2017), no. 10, 1050-1054.
8. V.T. Nguyen, *On delta  $m$ -subharmonic functions*, Ann. Polon. Math 118 (2016), 25-49.