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EDUCATION

***Institut Mathématique de Jussieu : Université Paris VI**, Post-Doctorat ; 2001-2002

***Université Félix Houphouet Boigny (Abidjan-Côte d'Ivoire):**

“Doctorat d’Etat” in Mathematics, PhD in Mathematics (**Abstract harmonic analysis**); 2000.

Title: **Distribution and Fourier spherical transformation of type delta**

* **Université Félix Houphouet Boigny (Abidjan-Côte d'Ivoire):**

Doctorat de 3ème cycle » in Mathematics: (**Abstract harmonic analysis**); 1994

Title: **Spherical Representation and transformation of type delta**

EXPERIENCE

***2009 - Present:** Full Professor of Mathematics, University Felix Houphouet Boigny (**Abidjan-Côte d'Ivoire**).

***2002 -2009:** Senior lecturer (**Maître de Conférences**), University Felix Houphouet Boigny (**Abidjan-Côte d'Ivoire**).

***1996 - 2002:** Assistant lecturer (**Maître Assistant**) ; University Felix Houphouet Boigny (**Abidjan-Côte d'Ivoire**)

***1995-1996 Assistant Professor of Mathematics (Assistant)**, University Felix Houphouet Boigny (**Abidjan-Côte d'Ivoire**).

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* **02 May up to now:**

Visiting Professor at AIMS SOUTH AFRICA. (Course delivered: Abstract harmonic Analysis)

* **02 -30 April 2016:**

Visiting Professor at University of Ghana, GHANA (Course delivered: Lie group and Lie Algebra)

***18 to 27 February 2016:**

Visiting Professor at University Cheik Anta Diop, SENEGAL

***06 to 14 February 2016:**

Visiting Professor at University of Sao Paulo (BRESIL)

***29 July to 13 August 2015:**

Visiting Professor at University Paris VI (FRANCE)

***March 2015:**

Visiting Professor at University Marien Ngouabi (**Brazzaville- CONGO**)

***February 2015: Visiting Professor** at International Center of Mathematics physics (CIPMA), BENIN

* **December 2012 - 05 May 2013:**

Visiting Professor at University Laval and Concordia University (CANADA)

* **January - June 2012 :**

Research visiting at Université Laval (CANADA).

<http://newton.mat.ulaval.ca/analyse/activites.php>; http://www.mat.ulaval.ca/le_departement/pages_personnel/les/hugo_chapdelaine/sagg/sagg_h12/index.html

* **September 2011 :** Research visiting at « Université Laval » (QUEBEC-CANADA).

* **January 2011:** Visiting Professor at University of Laval (QUEBEC-CANADA)

<http://newton.mat.ulaval.ca/analyse/activites-a.php>

* **January - April 2011:**

Lecturer at department of mathematics; University of Pretoria; SOUTH AFRICA.

Lecturer and research visiting at University of Stellenbosch and at « African Institute of Mathematical Sciences (AIMS) » Cape Town ; SOUTH AFRICA.

<https://docs.google.com/a/aims.ac.za/viewer?a=v&pid=explorer&chrome=true&srcid=0BzKwML9eJxtiYzc0NDJiYzctNTIwMS00ODhhLWIyY2MtYzQyNzI3NDVhODg1&hl=en>
<http://web.up.ac.za/default.asp?ipkCategoryID=4799&sub=1&parentid=2058&subid=2380&ipklookid=11>
<http://web.up.ac.za/default.asp?ipkCategoryID=6864&archive=1&ArticleID=7087>

<http://math.sun.ac.za/eng/events/colloquia/>

* **July 2010: Visiting Professor at University of Pretoria** and Participation to the international conference "Diversity in Mathematics" at the African Institute for Mathematical Sciences (AIMS) ; Cape Town (**SOUTH AFRICA**)

* **April 2010:** Visiting Professor (teaching) :« Centre International de Physique Mathématique » (CIPMA) at Cotonou–**BENIN**)

* **10 November 2009 to 12 January 2010:** Visiting Professor at University Laval of Quebec (**CANADA**).

* **June -July 2009:** Participation in the Seminar of Higher Mathematics (University of Montreal (**CANADA**)).

* **15 February to 25 March 2008:**

Participation in the International Conference on "Function spaces, Differential Operators, General Topology, problems related to the teaching of mathematics" for the 85 th anniversary of Professor Lev Kudriatsev.

MOSCOW – RUSSIA.

* **July 2007 :** Participation in International Conference on Banach Algebras (Ba 07) in **Quebec, CANADA.**

<http://newton.mat.ulaval.ca/ba07/part.php>

* **May 2006 :** School of Functional Analysis, **RABAT (MOROCCO).**

Co-author of the book titled : "Analyse Harmonique Abstraite"

Publishing house: Presses Académiques Francophones (August 2014)

Referee for journals :

*Zentralblatt MATH;

*Mathematical Reviews;

*Afrika Matematika (Springer);

*les annales mathématiques ;

STATUT IN CANADA :

Permanent resident since June 2012

RESEARCH INTERESTS

* **Abstract Harmonic Analysis**

* **Functional analysis**

PUBLICATIONS

- 1) **Joachim Moussounda Mouanda and Kinvi Kangni :** On Von Neumann's Inequality for Analytic Trigonometric Polynomials (to appear)
- 2) **Kinvi KANGNI:** Paley Wiener theorem on reductive Lie groups (to appear)
- 3) **Ibrahima Toure and Kinvi Kangni :** Spherical functions for Gelfand pairs associated with compact groupoids. *Afrika Matematika*, June 2016, Volume 27, Issue 3, pp 573-582
- 4) **Ibrahima Toure and Kinvi Kangni:** Spherical Functions on Transitive Groupoids, Annals of the University of Craiova - Mathematics and Computer Science series. Volume 42 (2), 2015, P.450-461
- 5) **Adjiey Jean-Luc Koffi and Kinvi Kangni :** On irreducibility of an induced representation of a simply connected nilpotent lie group. *African Diaspora Journal of Mathematics* Volume 18, Number 2, pp. 1–10 (2015)
- 6) **Brou Kouakou • Kangni Kinvi;** Pseudo-spherical Fourier transformation of type δ ; *Afr. Mat.* DOI 10.1007/s13370-014-0226-2 (2014)
- 7) **Ibrahima Toure and Kinvi Kangni :** On Gelfand pairs associated to transitive Groupoids ; *Opuscula Math.* 33, no. 4 (2013), 751-762.
<http://dx.doi.org/10.7494/OpMath.2013.33.4.751>
- 8) **Kodjovi Wodome, Kinvi Kangni and Kofi V. S. Assiamoa :** On an extension of Bochner theorem II; *Far East Journal of Mathematical Sciences (FJMS)*, Vol. 67; No1; 2012; pp 1-19

- 9) **Coulibaly Pie et Kinvi KANGNI**: Sur une extension du théorème de Bochner I ; Afr. Mat. DOI 10.1007/s13370-012-0119-1, Afrika Matematika (2012)
- 10) **Ibrahima TOURE and Kinvi KANGNI**: On Groupoid Algebras of Biinvariant Functions; Int. Journal of Math. Analysis, Vol. 6, 2012, no. 43, 2101 - 2108
- 11) **Ibrahima TOURE and Kinvi KANGNI**: Spherical Fourier Transform of type delta on some semi-direct products; Africa Mathematics Annals (AFMA); Vol.3 (2012)
- 12) **Essonana MAGNANI and Kinvi KANGNI** : On a groupoid Gelfand pair , JP journal of algebra, Number theory and Applications.Vol.16, No:2, (2010) , pp 109-118.
<http://www.pphmj.com/journals/articles/599.htm>
- 13) **Ibrahima TOURE et Kinvi KANGNI** : Sur les fonctions Lie sphérique ; (2009) « Afrika Matematika » Serie 3. Volume 20 ; pp 147-157.
- 14) **J. M. Yaovi AWUSSI, Kinvi KANGNI and V. S. Koffi ASSIAMOUA**: On Ad-spherical function (2008); JP Journal of Geometry and topology; vol.8; Number3; pp. 239-252.(2009)
- 15) **Ibrahima TOURE et Kinvi KANGNI**: On Lie algebras of K-invariant function; (2008); J. Math. Kyoto Univ. (JMKYAZ) 48-4. Pp.847-855.
<http://projecteuclid.org/DPubS?service=UI&version=1.0&verb=Display&handle=euclid.kjm/1250271320>
- 16) **Kinvi KANGNI ; Saliou TOURE et Ibrahima TOURE**: On some Hilbert cosine function; 2008: Far East Journal of Mathematical Sciences (FJMS) ; Vol.29, Issue 2, Pages 497-511.
http://library39.library.cornell.edu/ZMATH/zmath/en/zmath/search/?q=au%3AToure%2C+I*
- 17) **Lucien Kouassi Yao et Kinvi KANGNI**: Inductive limit of representations of Cartan motion groups; March 2008; JP Journal of Geometry and topology ; vol. 8, Issue 1 ; Pages 61 -71.
<http://www.pphmj.com/journals/articles/398.htm>
- 18) **Kinvi KANGNI et Bernard NZOUKOU DI** : Quelques constructions des fonctions sphériques matricielles : (2007) Rev. Ivoir. Sc technol. 10 pp 157-166
- 19) **Kinvi KANGNI et Saliou TOURE** : Sur la Grassmannienne sphérique, applications aux groupes de Lie réductifs ; (2007) ; (Afrika - Matematika. Série 3, Vol. 18 pp 58-64.
- 20) **Ibrahima TOURE et Kinvi KANGNI** : Sur les quasi - paires de Gelfand ; (2006) ; Rev. Ivoir. Sci. Tech. 07 81-90.
- 21) **Kinvi KANGNI et Saliou TOURE** : Transformation de Fourier sphérique de type δ . Application aux groupes de Lie semi-simples. (2001) ; Annales Mathématiques Blaise Pascal Vol. 8 N° 2 pp. 77-88.
http://www.numdam.org/numdam-bin/feuilleter?id=AMBP_2001__8_2
- 22) **Kinvi KANGNI et Saliou TOURE** : Sur la Transformation de Fourier trace sphérique. (2001) ; Afrika Matematika, Série 3, Vol. 12 pp. 91-99
- 23) **Kinvi KANGNI et Saliou TOURE** : Extension de la notion de distribution sphérique. (2001) ;Rev. Iv. Sci. Tech., Série B-02.
- 24) **Kinvi Kinvi KANGNI et S. TOURE** : Distribution sphérique généralisée sur le groupe de Heisenberg. (2000) ; Afrika Matematika, Série 3, Vol. 11 p. 93-107.
- 25) **Kinvi KANGNI et Saliou TOURE** : Représentation unitaire sphérique de type δ . (1997) ;Afrika Matematika, Série 3, Vol. 7 p. 95-104.
- 26) **Kinvi KANGNI et Saliou TOURE** : Transformation de Fourier sphérique de type δ . (1996) ; Annales Mathématiques Blaise Pascal Vol. 3 N° 2 p. 117-133.
<http://www.lib.uoi.gr/online/mathrev/mrindex/sub42.pdf>
http://archive.numdam.org/ARCHIVE/AMBP/AMBP_1996__3_2/AMBP_1996__3_2_117_0/AMBP_1996__3_2_117_0.pdf

***THESIS SUPERVISED (Six thesis);**

***MASTER (30 Master)**

***Teaching mission upcoming:**

07- 25 November 2016: AIMS Rwanda

Course: Lie groups and Lie Algebra

13-31 March 2017 : AIMS Ghana

Course: Lie group and Lie Algebra