1. CURRICULUM VITAE

Nom et prénom : Fethi Soltani **Grade :** Professeur **Fonction :**Professeur à l'Université de Carthage, Tunis

Date de naissance :14 /08/ 1973 **Nationalité:**Tunisiene

1. Cursus :

Dates d'obtention	Diplômes	Spécialités	Institutions
Session principale 1992	Baccalauréat	Mathématiques	Lycée Fernana
Session principale 1994	Diplôme Universitaires d'Etudes Scientifiques	Mathématiques et Physique	Faculté des Sciences de Tunis
Session principale 1996	Maîtrise En-Sciences Mathématiques	Mathématiques	Faculté des Sciences de Tunis
Juillet 1999	Diplôme d'Etudes Approfondies en Mathématiques	Mathématiques purs	Faculté des Sciences de Tunis
Décembre 2003	Thèse de Doctorat	Mathématiques	Faculté des Sciences de Tunis
Février 2008	Habilitation Universitaire	Mathématiques	Faculté des Sciences de Tunis

2. Expériences professionnelles :

Dates (Début-Fin)	Employeur	Poste
14/9/1999 - 16/9/2001	Faculté des Sciences Juridiques, Economiques et de Gestion de Jendouba	Enseignant vacataire de Mathématiques
17/9/2001 - 13/9/2004	Faculté des Sciences de Tunis	Assistant de Mathématiques
14/9/2004 - 22/11/2008	l'Ecole Supérieure de Technologie et d'Informatique à Carthage	Maître Assistant de Mathématiques

Dates (Début-Fin)	Employeur	Poste
23/11/2008 - 18/10/2013	l'Ecole Supérieure de Technologie et d'Informatique à Carthage	Maître de Conférences en Mathématiques
19/10/2013 - 1/9/2019	l'Ecole Supérieure de Technologie et d'Informatique à Carthage	Professeur de Mathématiques
2/9/2019 - 2022	l'Ecole Nationale d'Ingénieurs de Carthage	Professeur de Mathématiques

Détachement à l'Agence Tunisienne de Coopération Technique:

Dates (Début-Fin)	Employeur	Poste
30/9/2007 - 25/9/2009	la Faculté des Sciences de l'Université de Jazan	Maître Assistant de Mathématiques
26/9/2009 - 23/8/2014	la Faculté des Sciences de l'Université de Jazan	Maître de Conférences en Mathématiques
24/8/2014 - 17/8/2019	la Faculté des Sciences de l'Université de Jazan	Professeur de Mathématiques

3. Modules assurés: (les 5 dernières années)

Modules assurés	Classes	Mots clés
Mathématiques pour l'Ingénieur	MECA1-GSI1	Fonctions intégrables, produit de convolutions, transformée de Fourier, distributions
Probabilité et Statistiques	MECA1-GSI1	Statistiques, variables aléatoires discrètes et continues, fiabilités, approximations des lois
Théorie des graphes	MECA1	Graphes orientés et non orientés, algorithme de tri topologique, algorithme de Dijkstra, l'algorithme de Welsh-Powell
Recherche Opérationnelle	MECA1	Simplexes, applications

4. Domaines de recherche :

Thèmes de recherche	Mots clés
Analyse harmonique **Analyse réelle** **Analyse fonctionnelle**	**Opérateurs de Dunkl, principe d'incertitudes, fonctions spéciales, espaces de Fock, multiplicateurs de Fourier**

5. Autres qualifications :

Compétences	**Certificats** (éventuellement)

6. Autres activités pédagogiques/Autres activités de recherche

Dates	Activités
	Encadrement mastère de recherche : Meriem Nenni : **Sujet : Espace de Fock et transformation de Segal-Bargmann associés aux opérateurs de Dunkl** **Soutenance : 28/12/2021.**
	Thèses de Doctorat soutenues : **Saliha Aledawish:** **Sujet : Analyse harmonique pour l'opérateur de Whittaker et applications à la théorie des noyaux reproduisants** **Soutenance : 26/10/2022.**
	Thèses de Doctorat en cours : **1) Ibrahim Maktouf :** **Sujet : Quelques aspects de l'analyse harmounique associée à l'opérateur de Dunkl-Bessel** **Début 2019.** **2) Hanen Saadi :** **Sujet : Etude et applications de quelques espaces à noyau reproduisant associés à l'opérateur de Weinstein** **Début 2020.** **3) Meriem Nenni:** **Sujet : Espaces de Fock en dimension d et applications** **Début 2021.**

7. Affiliation à des associations/groupements professionnels :

Dates	Associations/groupements professionnels	Fonction
1999-2023	Société mathématique de Tunisie	Membre
	Laboratoire d'Analyse Mathématique et Applications LR11ES11	

8. Langues : (bon, moyen, passable)

Langue	Lu	Parlé	Écrit
Arabe	Bon	Bon	Bon
Français	Bon	Bon	Bon
Anlais	Bon	Bon	Bon

9. Publications:(Les plus pertinentes)

[1] M. Sifi, F. Soltani, Generalized Fock spaces and Weyl relations for Dunkl kernel on the real line, Journal of Mathematical Analysis and Applications, 270(1) (2002) pp. 92-106. DOI:10.1016/S0022-247X(02)00052-5

[2] F. Soltani, Generalized Fock spaces and Weyl commutation relations for the Dunkl kernel, Pacific Journal of Mathematics, 214(2) (2004) pp. 379-397. DOI: 10.2140/pjm.2004.214.379

[3] F. Soltani, Lp – Fourier multipliers for the Dunkl operator on the real line, Journal of Functional Analysis, 209(1) (2004) pp. 16-35. DOI:10.1016/ j.jfa.2003.11.009

[4] F. Soltani, Littlewood-Paley operators associated with the Dunkl operator on R, Journal of Functional Analysis, 221(1) (2005) pp. 205-225. DOI: 10.1016/j.jfa.2004.10.001

[5] F. Soltani, Littlewood-Paley g-function in the Dunkl analysis on Rd , Journal of Inequalities in Pure and Applied Mathematics, 6(3) (2005) Art. 84 13 pages.

[6] F. Soltani, Inversion formulas in the Dunkl-type heat conduction on Rd , Applicable Analysis, 84(6) (2005) pp. 541-553. http://dx.doi.org/10.1080/ 00036810410001731492

[7] F. Soltani, Practical inversion formulas in a quantum mechanical system, Applicable Analysis, 84(8) (2005) pp. 759-767. http://dx.doi.org/10.1080/00 036810500047972

[8] F. Soltani, Results on weighted Fock spaces, Integral Transforms and Special Functions, 17(4) (2006) pp. 295-306. http://dx.doi.org/10.1080/1065 2460500105719

[9] F. Soltani, Ranges and inversion formulas for the Dunkl intertwining operator and its dual, Integral Transforms and Special Functions, 17(5) (2006) pp. 379-390. http://dx.doi.org/10.1080/10652460500105750

[10] A. Gasmi, M. Sifi, F. Soltani, Herz-type Hardy spaces for the Dunkl operator on the real line, Fractional Calculus & Applied Analysis, 9(3) (2006) pp. 287-306. https://eudml.org/doc/11280

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[12] F. Soltani, Sonine transform associated to the Dunkl kernel on the real line, Symmetry, Integrability and Geometric: Methods and Applications, 4(092) (2008) 14 pages. http://dx.doi.org/10.3842/SIGMA.2008.092

[13] F. Soltani, Paley type inequality on the Hardy type space in the Dunkl setting, Archiv der Mathematik, 95 (2010) pp. 35-44. DOI 10.1007/s00013-010-0143-z

[14] F. Soltani, Best approximation formulas for the Dunkl L2-multiplier operators on Rd, Rocky Mountain Journal of Mathematics, 42(1) (2012) pp. 305-328. DOI:10.1216/RMJ-2012-42-1-305

[15] F. Soltani, Heisenberg-Pauli-Weyl uncertainty inequality for the Dunkl transform on Rd, Bulletin of the Australian Mathematical Society, 87(2) (2013) pp. 316-325. DOI:10.1017/S0004972712000780

[16] F. Soltani, Multiplier operators and extremal functions related to the dual Dunkl-Sonine operator, Acta Mathematica Scientia, 33B(2) (2013) pp. 430-442.DOI:10.1016/S0252-9602(13)60010-7

[17] F. Soltani, A general form of Heisenberg-Pauli-Weyl uncertainty inequality for the Dunkl transform, Integral Transforms and Special Functions, 24(5) (2013) pp. 401-409. http://dx.doi.org/10.1080/10652469.2012.699966

[18] F. Soltani, Extremal functions on Sobolev-Dunkl spaces, Integral Transforms and Special Functions, 24(7) (2013) pp. 582-595. http://dx.doi.org/ 10.1080/10652469.2012.725167.

[19] F. Soltani, Maximal Bochner-Riesz operators on Hardy-type spaces in the Dunkl setting, Integral Transforms and Special Functions, 24(8) (2013) pp. 613-627. http://dx.doi.org/10.1080/10652469.2012.727087

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[22] F. Soltani, Operators and Tikhonov regularization on the Fock space, Integral Transforms and Special Functions, 25(4) (2014) pp. 283-294. http://dx.doi.org/ 10.1080/10652469.2013.839666

[23] F. Soltani, Pitt's inequality and logarithmic uncertainty principle for the Dunkl transform on R, Acta Mathematica Hungarica, 143 (2) (2014) pp. 480-490. DOI: 10.1007/s10474-014-0415-3

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[25] F. Soltani, Dunkl multiplier operators and applications, Integral Transforms and Special Functions, 25(11) (2014) pp. 898-908. http://dx.doi.org/10.1080/ 10652469.2014.938650

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[48] F. Soltani, M. Nenni, Difference and primitive operators on the Dunkl-type Fock space F(Cd), accepted for publication in Journal of Mathematical Sciences, 2023.

[49] F. Soltani, Uncertainty inequality on weighted Hardy spaces, accepted for publication in Georgian Mathematical Journal, 2023.

[50] F. Soltani, H. Saadi, Inversion formula and uncertainty inequalities for the Weinstein-type Segal-Bargmann transform, accepted for publication in Integral Transforms and Special Functions, 2023.

[51] F. Soltani, I. Maktouf, Localization operators and inversion formulas for the Dunkl-Weinstein-Stockwell transform, accepted for publication in Georgian Mathematical Journal, 2023.

10. Liens personnels :

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https://loop.frontiersin.org/people/939217/overview

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