

Curriculum Vitae

Tariq A. M. Al-Fadhel

Associate Professor

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EDUCATION:

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| Fall'99-Fall'03 | Ph.D. in Mathematics - University of Illinois at Urbana-Champaign.
Thesis Title "Rates of convergence of continued fractions and an Approximation Theorem" |
| Fall'99-Fall'01 | M. Sc. in Pure mathematics - University of Illinois at Urbana-Champaign. |
| Fall'95-Fall'98 | M.Sc. in Mathematics - King Saud University at Riyadh.
Thesis Title "Potential Theory in Planar Domains" |
| Spring'90-Fall'94 | B.A. in Teaching Mathematics - Teachers College at Riyadh |
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PROFESSIONAL EXPERIENCE:

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| Summer,11 - present | Associate Professor at Mathematics department, College of Sciences, King Saud University at Riyadh. |
| Fall'12 -present | Member of the graduate studies and scientific research committee at college of science. |
| Fall'16 - present | Member of graduate studies committee at math department |
| Fall'12 –Sprin'16 | Coordinator of graduate studies committee at math department. |
| Summer'09 – Fall'11 | Vice dean - PY Affairs, Deanship of admission and registration |
| Summer'07 – Spring'09 | Chairman of Mathematics department, College of Sciences, King Saud University at Riyadh. |
| Summer'07 – Spring'09 | Coordinator of graduate studies committee at math department. |
| Spring'04- Spring'11 | Assistant Professor at Mathematics department, College of Sciences, King Saud University at Riyadh. |

- Fall'05-Spring'07 Member of the graduate studies committee at math department.
 Director of the master program in mathematics.
- Fall'05-Spring'07 Coordinator of Teaching assistants committee at math department.
- Fall'06-Spring'07 Coordinator of Mathematical Analysis committee at math department.
- Fall'96-Spring'99 Teaching assistant at mathematics department, College of Sciences, King Saud University at Riyadh.
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AREAS OF INTEREST:

- 1- Discrete Dynamical Systems (Gauss map and Bernoulli shift)
 - 2- Complex Dynamics.
 - 3- Chaos Theory.
 - 4- Continued Fractions.
 - 5- History of mathematics.
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PUBLICATIONS:

- 1- Tariq A. Al-Fadhel and Mongi Blel "*Mobius Transformation with n -cycles geometric viewpoint*", Arab Journal of Mathematical Sciences, Volume 19, Issue 1, January 2013, pp 21-34 .
 - 2- Tariq A. Al-Fadhel, "*Powers of the fixed points of the Gauss Map*", Communications in the analytic theory of continued fractions, Volume XVII, 2010.
 - 3- Tariq A. Al-Fadhel, "*Mobius Transformation with a 2-cycle*", Arab Journal of Mathematical Sciences, Volume 14, Number 2, December 2008, pp 11-21 .
 - 4- Tariq A. Al-Fadhel, "*Gauss Map vs Bernoulli Shift*", Applied Mathematics and computation, Volume 194, Issue 2, 15 December 2007, pp. 520-526.
 - 5- Tariq A. Al-Fadhel, "*Particular Even Cycles of the Bernoulli shift*", WSEAS Transactions on Systems, Issue 1, Volume 5, January 2006, ISSN 1109-2777.
 - 6- Tariq A. Al-Fadhel, "*Rates of convergence of continued fractions*", WSEAE International Conference on Applied Mathematics, 2004.
 - 7- T. Al-Fadhel, V. Anandam and S.I. Othman, "*Biharmonic point singularities In R^n* ", Arab J. Math. Sc., Volume 5, Number 1, June 1999.
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TEACHING EXPERIENCE:

Spring'05-present As an Assistant professor I taught the following courses:

Calculus (1)
Calculus (2)
Ordinary differential equations
Real Analysis (1)
Complex Analysis

Fall'97-Spring'99 As a T.A. I taught the following tutorials:

Calculus (1)
Calculus (2)
General Topology
Complex Analysis

COMPUTER SKILLS:

- 1- Microsoft Office.
 - 2- LaTeX 2e.
 - 3- Mathematica.
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LANGUAGES:

- 1- Arabic (Native Language)
 - 2- English .
 - 3- French (Niveau Deux)
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