

DR NASSER IBRAHIM BIN TURKI

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EDUCATION

2011 **Department of Mathematics Sciences, University of Liverpool**
to *Liverpool, United Kingdom.*
2014 *Doctor in Philosophy (Pure Mathematics).*

Title of thesis: Fundamental Domains for Left-right Actions in Lorentzian Geometry.

2009 **Department of Mathematics Sciences, University of Liverpool**
to *Liverpool, United Kingdom.*
2010 *Master of Science (Mathematical Sciences) with distinction.*

Title of thesis: Fundamental Domains in Euclidean and Hyperbolic Geometry.

2003 **Mathematics Department, College of Teaching at King Saud**
to **University**
2007 *Riyadh, Saudi Arabia.*
Bachelor of Education (Mathematics).

WORK HISTORY

2014 **Assistant Professor of Mathematics**
to *Department of Mathematics in King Saud University.*
Present *Riyadh, Saudi Arabia.*

2008 **Scholarship for studying Master and PhD.**
to *University of Liverpool*
2014 *Liverpool, United Kingdom.*

2007 **Teaching Assistant**
to *Department of Mathematics in King Saud University.*
2014 *Riyadh, Saudi Arabia.*

SOFTWARE/SYSTEM SKILLS

- Text formatting and office computing: LaTeX, Word, Excel, PowerPoint.
- Mathematical software: Maple and Matlab.

LANGUAGE SKILLS

- Speak, read, and write Arabic.
- Speak, read, and write fluent English.

ACADEMIC AWARDS

- Distinction Award for the thesis of Master, awarded by the Saudi Arabian Cultural Bureau, UK, 2010.
- Distinction Award for the Master, awarded by the Saudi Arabian Cultural Bureau, UK, 2009-2010.
- Distinction Award for the 1st Year of PhD, awarded by the Saudi Arabian Cultural Bureau, UK, 2011-2012.
- Distinction Award for the 2nd Year of PhD, awarded by the Saudi Arabian Cultural Bureau, UK, 2012-2013.
- Distinction Award for the 3rd Year of PhD, awarded by the Saudi Arabian Cultural Bureau, UK, 2013-2014.
- Distinction Award for the final Year of PhD, awarded by the Saudi Arabian Cultural Bureau, UK, 2014.
- Distinction Award for the best poster in Science at the Seventh Saudi Students Conference (SSC2014) that was hold at Edinburgh International Conference (EICC), Edinburgh, UK, 1st - 2nd of February 2014.

CONFERENCES AND WORKSHOPS

- Graduate School "First Year Skills Workshop", University of Liverpool, UK, January 2011.
- "Herman Brain Dominance Instrument Workshop" organised by Quality Side Training Centre, Liverpool UK, February 2012.
- "Opportunities and Challenges for Faculty Members Today Workshop", organized by the Academic Leadership Centre, Ministry of Higher Education, Saudi Arabia, held in London, UK , 22 April 2012.
- International Workshop in Singularity Theory, its Applications and Future Prospects, University of Liverpool, UK, 18-22 June 2012.
- International Conference " Analysis and Singularities" dedicated to the 75th anniversary of Vladimir Igorevich Arnold, Moscow, Russia, 17-21 December 2012.
- Conference on Geometry and Topology of Complex Singularities, CIRM, Marseille, France, 15-19 April 2013.
- "Introduction to Academic Leadership", organized by the Academic Leadership Centre, Ministry of Higher Education, Saudi Arabia, held in London, UK , 19 May 2013.
- Conference on Singularities in Geometry and Applications III, ICMS, Edinburgh, UK, 2-6 September 2013.
- British Singularity Day, Liverpool, UK, November 2013.
- The Seventh Saudi Students Conference (SSC2014), Edinburgh International Conference Centre (EICC), UK, 1-2 February 2014.
- Conference on Representation Theory and Related Topics, University of Connecticut, USA, 11-12 May 2015.
- Conference on Topology, Geometry and Dynamics. In honour of François Lalonde, CRM, University of Montreal, Canada, 31 August- 4 September 2015.

TEACHING EXPERIENCE

2015 to Present	Faculty member at department of mathematics in King Saud University. Taught the following courses: Math 111 : Integration Calculus. Math 106 : Integration Calculus.
2012 to 2013	Teaching Assistant at Department of Mathematics in The University of Liverpool. Taught MATH349: Differential Geometry.
2007 to 2008	Teaching Assistant at Department of Mathematics in King Saud University. Taught courses in calculus.

MEMBERSHIP AND ADMINISTRATIVE ROLES

- Member of the Saudi Students Club in Bath, UK, 2008-2009.
- Member of the Saudi Students Club in Liverpool, UK, 2009-2014.
- Finance Manager of the Saudi Students Club in Bath, UK, 2009.
- Social and Sports administrator of the Saudi Students Club in Liverpool, UK, 2012.
- Member of the Research Group on Singularity Theory and its Applications.
- Geometry and Topology committee of the Department of Mathematics, King Saud University.
- Algebra committee of the Department of Mathematics, King Saud University. .
- Supervisor of the Department of Mathematics in the summer semester of the year 2014-2015.

RESEARCH INTERESTS:

- Geometric structures on links of singularities theory.
- Complex hyperbolic geometry.
- Lorentz geometry.

PUBLICATIONS

- N. Bin Turki, " Fundamental Domains for Left-right Actions in Lorentzian Geometry", PhD Thesis, University of Liverpool, 2014.
- N. Bin Turki and A. Pratussevitch, "Series of Fundamental Domains for Q-Gorenstein Singularities", (in processing).