

CURRICULUM VITAE TEMPLATE



Position/Designation: Assistant Professor
 Department: Department of Mathematical and Physical Sciences
 College College of Arts & Science
 University of Nizwa, Sultanate of Oman

Personal Information

Name: Khalifa Zayid Khalifa Al Shaqsi
 Marital Status: Married
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Academic Qualifications

PhD(Mathematics): National University of Malaysia, Malaysia, 2009.
 M.Sc. (Mathematics): National University of Malaysia, Malaysia, 2006.
 B.Ed(Mathematics): College of Education-SUR. Ministry of Higher Education. Sultanate of Oman, 1999.

Teaching Activities, Current/Previous Experience

- 1999-2000 Mathematic teacher in Bahla preparatory School.
- 2000-2002 Mathematic teacher in Bel Arab bin Sultan Secondary School.
- 2002-2013 Mathematics educational supervisor in Al Dakhelia region.
- 2009-2010 Part time lecturer in Applied Sciences College (Nizwa).
- 2012 Part time lecturer in Al Dakhiliya Nursing Institute.
- 2013-2014 First lecture in Nizwa College of Technology.
- 2014-2021 Math Professor / Head of Math Section in UTAS - NCT
- 2021-2021 Assistant Dean for Academic Affairs in UTAS – NCT
- September 2021-Now Assistant Professor- University of Nizwa.

Research Activities

(includes but not limited to research interests, conference attendance, conference presentations and publications: refereed journal, articles, books, etc.)

Conferences

- 1- International Conference on Mathematics and Its Applications, Gadjah Mada University, July 24 – 27 ,2007, Indonesia.
- 2- International Conference on Mathematical Sciences, National University of Malaysia, November 28 – 29, 2007, Malaysia.
- 3- The 3rd International Conference on Mathematical Sciences, United Arab Emirates University, March 3 – 6, 2008, UAE.
- 4- The 4th International Symposium on Geometric Function Theory and Its Applications, National University of Malaysia, November 10 – 13, 2008, Malaysia.
- 5- The 13th WSEAS International Conference on Applied Mathematics, World Scientific and Engineering Academy and Society, December 15 -17, 2008, Spain.
- 6- International Conference on Analysis and Applications, Sultan Qaboos University,

January 24 – 26, 2010, Oman.

7- NCTM 2010 Annual Meeting and Exposition, National Council of Teachers of Mathematics, April 21 – 24, 2010, USA.

8- International Symposium on Geometric Function Theory and Its Applications, August 26 – 30, 2013, Turkey.

9- The 3rd International Conference on Mathematical Sciences, December 17-19, 2013, Malaysia.

10- The 10th International Symposium on Geometric Function Theory and Applications. August 25-28, 2014, Oradea, Romania.

11- The ICMCS 2014. 16th International Conference on Mathematics and Computational Science, December 18-19, 2014, Thailand.

12- The 11th International Symposium on. Geometric Function Theory and Applications. August 24-27, 2015, Ohrid, Macedonia.

13- The 21st Asian Technology Conference in Mathematics, December 17-20, 2015, Leshan, China.

14- The 12-th International Symposium on. Geometric Function Theory and Applications. August 25-28, 2016, Alba Iulia, Romania.

15- The 13-th International Symposium on. Geometric Function Theory and Applications. August 3-6, 2017, Arada, Romania.

16- The 3rd International conference on: Trends in innovative Mathematics Curricula - Highlights on Early Mathematics Education" 20-22 November 2017, SQU, Oman.

17- The 3rd International Conference on Mathematical Sciences and Statistics (ICMSS2018). February 6-8, 2018, Putrajaya, Malaysia.

18- The 4th International conference on: Trends in innovative Mathematics Curricula - Highlights on Early Mathematics Education" 16-18 October 2018, SQU, Oman.

19- The 14-th International Symposium on. Geometric Function Theory and Applications. National University of Malaysia, December 3 – 6, 2018, Malaysia.

20- The international symposium on geometric function theory. Chennai, December 13 – 14, 2018. India.

21- The 4-th International Conference on Computational Mathematics and Engineering Sciences, Akdeniz University, April 20 - 22, 2019, Turkey.

22- The 2nd International Conference on Mathematical and Related Sciences, Düzce University, April 27 - 30, 2019, Turkey.

Books:

1. K. Al-Shaqsi Combinations and Permutations. Unit in K11 Class book. Ministry of Education, Oman, 2003.

2. K. Al-Shaqsi and M. Darus. Differential Sandwich Theorems with Generalised Derivative Operator. Chapter in Book. Advanced Technologies", book edited by Kankesu Jayanthakumaran, ISBN 978-953-307-009-4, Published: October 1, 2009.

3. R. Khan, K. AlShaqsi and M. Tarik, Engineering Mathematics, Noor Publishing , ISBN 978-620-2-34027-4, Published 2017.

4. R. Khan, K. AlShaqsi, Modern Engineering Mathematics, I.K. International Publishing House Pvt. Ltd , ISBN 978-93-86768-16-2, Published 2018.

Articles:

1. K. Al-Shaqsi and M. Darus. A new class of multivalent harmonic functions. General Mathematics 14(4):37-46. cited in: Zbl., MR. 2006 .

2. K. Al-Shaqsi and M. Darus. On a subclass of certain harmonic meromorphic function. Far East J. Math. Sci., 20(2): 207-218. cited in: Zbl., MR. 2006.

3. K. Al-Shaqsi and M. Darus. New subclass of p-valent harmonic meromorphic functions. Int. Math. Forum 1(34):1659-1667. cited in: Zbl., MR. 2006.

4. K. Al-Shaqsi and M. Darus. On coefficient problems of certain analytic functions involving Hadamard products. Int. Math. Forum 1(34):1669-1676 cited in: Zbl., MR.. 2006.

5. K. Al-Shaqsi and M. Darus. On Harmonic univalent functions defined by a generalised Ruscheweyh derivatives operator. Lobachevskii J. Math. 22: 19-26. 2006

6. K. Al-Shaqsi and M. Darus. Meromorphic functions with missing and alternating coefficients. *Mathematica*, Tome 49 (72), No 1, 2007, pp. 13–20. 2007
7. K. Al-Shaqsi and M. Darus. Application of Hölder inequality in generalized convolutions for harmonic functions. *Far East J. Math. Sci.* 25(2): 325-334. cited in: Zbl., MR.2007.
8. K. Al-Shaqsi and M. Darus. On certain subclass of analytic univalent functions with negative coefficients. *Appl. Math. Sci.* 1(21--24): 1121-1128 . cited in: Zbl., MR. 2007.
9. K. Al-Shaqsi and M. Darus. On subclass of close-to-convex functions . *Int. Journal of Contemp. Math. Sciences* 2(13-16): 745-757. cited in: Zbl., MR. 2007.
10. K. Al-Shaqsi and M. Darus. On certain class of univalent functions with negative coefficients *Appl. Math.Sci.* 1(37--40): 1863-1877. cited in: Zbl., MR. 2007.
11. K. Al-Shaqsi and M. Darus. On subclass of harmonic starlike functions with respect to k-symmetric points. *Int. Math. Forum* 2(57-60), 2799-2805. . cited in: Zbl., MR.2007.
12. K. Al-Shaqsi and M. Darus. On certain class of analytic functions with negative coefficients for operator on Hilbert space. *Far East J. Math. Sci.*26(3):737-747. cited in: Zbl., MR.2007. 4
13. K. Al-Shaqsi and M. Darus. On subclass of harmonic mappings with positive real part. *Far East J. Math. Sci.*27(2): 34-354. . cited in: Zbl., MR. 2007
14. K. Al-Shaqsi and M. Darus. An operator defined by convolution involving the polylogarithms functions. *Journal of Mathematics and Statistics* 4(1): 46-50. cited in: SCOPUS. 2008.
15. K. Al-Shaqsi and M. Darus. On harmonic univalent functions with respect to k-symmetric points. *Int. Journal of Contemp. Math. Sciences* 3(1-4): 111-118. . cited in: Zbl., MR. 2008.
16. K. Al-Shaqsi and M. Darus. On Fekete-Szego Problems for certain subclass of analytic functions. *Appl. Math, Sci.* 2(9): 431-441. cited in: Zbl., MR. 2008.
17. K. Al-Shaqsi and M. Darus. On certain subclass of harmonic univalent functions *Journal of Analysis and Applications (JAA)* 6(1): 17-28. cited in: ISI (0.048), SCOPUS, MR, Zbl .2008.
18. K. Al-Shaqsi and M. Darus. On Integral Operator Defined By Convolution Involving Hypergeometric Function. *Inte. J. Math. Math. Sci.(IJMMS)* Volume 2008, article ID 520698, 11 pages. . cited in: Zbl., MR. , SCOPUS. 2008.
19. K. Al-Shaqsi and M. Darus. On Harmonic Functions defined by derivative operator. *Journal of Inequalities and Applications(JIA)*. Volume 2008, Article ID 263413, 10 page. cited in: Zbl., MR. ISIThompson.2008.
20. K. Al-Shaqsi and M. Darus. On Subordinations for certain analytic functions associated with generalized integral operator. *Lobachevskii J. Math.* 29(2): 90-96. . cited in: Zbl., MR. , SCOPUS. 2008.
21. K. Al-Shaqsi and M. Darus. Differential Sandwich theorems with generalised derivative operator. *Inter. J. Comp. Math. Sci.* 2(2): 75-78. cited in: MR., Zbl. 2008.
22. K. Al-Shaqsi and M. Darus. On Goodman-Ronning-type harmonic univalent functions defined by Ruscheweyh operator. *Int. Math. Forum* 3(44): 2161-2174. cited in: Zbl., MR. 2008.
23. K. Al-Shaqsi and M. Darus. On meromorphic harmonic functions with respect to k-symmetric points. *Journal of Inequalities and Applications* 01/2008 . 2008.
24. K. Al-Shaqsi and M. Darus. Fekete-Szego problem for univalent functions with respect to ksymmetric points. *Journal of Inequalities and Applications (JIA)*. Volume 2008, Article ID 259205, 11 page. ISI, SCOPUS, MR, Zbl 2008.
25. K. Al-Shaqsi and M. Darus. On classes of uniformly starlike and convex functions with negative coefficients. *Acta Mathematica Academiae Paedagogicae Nyíregyháziensis*, Vol. 24, No. 3, pp. 355- 365. cited in: Zbl., MR. , SCOPUS. 2008.
26. K. Al-Shaqsi and M. Darus. Applications of generalizations of Ruscheweyh derivatives and Hadamard products to harmonic functions. *Journal of Quality Measurement and Analysis* 4 (2). 2008.
27. K. Al-Shaqsi and M. Darus. Differential Subordination and Superordination with Multiplier Transformation. *Int. J. Open Problems Comp. Math.*, Vol. 1, No.1, March 2009. 2009.
28. K. Al-Shaqsi and M. Darus. On generalizations of convolution for harmonic functions. *Far East Journal of Mathematical Sciences*, vol. 33, no. 3, pp. 387–399. 2009
29. K. Al-Shaqsi and M. Darus. On univalent functions with respect to k-symmetric points defined by a generalized Ruscheweyh derivatives operator. *Journal of Analysis and Applications* Volume 7(2009) ISSN: 0972-5954. 2009.

30. K. Al-Shaqsi and M. Darus. Application of Holder Inequality in generalized convolutions for functions with respect to k-symmetric points. Applied Mathematical Sciences, Vol. 3, 2009, no. 36, 1787 – 1797. 2009.
31. K. Al-Shaqsi and M. Darus. On certain subclasses of analytic functions defined by a multiplier transformation with two parameters. Applied Mathematical Sciences, Vol. 3, 2009, no. 36, 1799 – 1810. 2009.
32. K. Al-Shaqsi and M. Darus. On certain class of harmonic univalent functions. Int. J. Contemp. Math. Sciences, Vol. 4, 2009, no. 24, 1193 – 1207. 2009.
33. K. Al-Shaqsi and M. Darus. A multiplier transformation defined by convolution involving nth order polylogarithm functions. International Mathematical Forum, 4, 2009, no. 37, 1823 – 1837. 2009. 5
34. K. Al-Shaqsi and M. Darus. On spirallike functions defined by a generalized Ruscheweyh derivatives operator of complex order. Inte. J. Fund. Nume. Math.Sci.1(1):35-45. 2009.
35. Khalifa Al-Shaqsi, Maslina Darus and O. A. Fadipe-Joseph. A new subclass of Salagean-Type harmonic Univalent Functions. Abstract and Applied Analysis, vol. 2010, Article ID 821531, 12 pages, 2010. 2010.
36. K. Al-Shaqsi, Proof Theories. Journal of Cognitive Development, Ministry of Education, Sultanate of Oman, (4) 26-31. 2011.
37. K. Al-Shaqsi, Curves in the engineering design of roads. Journal of Cognitive Development, Ministry of Education, Sultanate of Oman, (5). 35-40. 2012.
38. K. Al-Shaqsi. Number Theory and its Application in Information Security Journal of Cognitive Development, Ministry of Education, Sultanate of Oman, (6). 54-63. 2013.
39. K. Al-Shaqsi, Fekete-Szegö Problem for Subclasses of Analytic Functions Defined by New Integral Operator, Int. J. Math., Comp., Phys. Ele. Com. Eng. (8), No:12, 1422-1426, 2014.
40. K. Al-Shaqsi, Strong Differential Subordinations Obtained with New Integral Operator Defined by Polylogarithm Function, Int. J. Math. Math. Sci. (2014), Article ID 260198, 6 pages <http://dx.doi.org/10.1155/2014/260198>.
41. F Ghanim, M Darus, K Al-Shaqsi, A Study on Subordination Properties of Meromorphic Functions Defined by the Linear Operator, Journal of Computational and Theoretical Nanoscience 13 (7), 4501- 4505.
42. K. Al-Shaqsi, On inclusion results of certain subclasses of analytic functions associated with generating function, AIP Conference Proceedings 1830 (1), 070030.
43. K. Al-Shaqsi and Rana Al Khal, Polyharmonic functions with negative coefficients, J. Math. Computer Sci., 17 (2017), 437–447.
44. K. Al-Shaqsi and Rana Al Khal, Classes of Harmonic Univalent Functions Convex in One Direction, IOP Journal of Physics: Conference Series (JPCS) 2018. 1132(1): 1-6.
- 45.S. Kumar, K. Al-Shaqsi and H. Dutta., On new approximations and expositions of reciprocal third power mappings, Inf. Sci. Lett. 9, No. 2, 95-100 (2020).
- 46.K. Al-Shaqsi, The Fekete-Szegö Problem for Subclasses of Analytic Functions Associated With Touchard Polynomials, IOP Journal of Physics: Conference Series (JPCS) 2020. 1562(1): 1-6.
- 47.BV Senthil Kumar, K Al-Shaqsi and H Dutta, Classical stabilities of multiplicative inverse difference and adjoint functional equations, Advances in Difference Equations 2020 (1), 1-9.
- 48.F Ghanim, K Al-Shaqsi, M Darus and HF Al-Janaby, Subordination Properties of Meromorphic Kummer Function Correlated with Hurwitz–Lerch Zeta-Function, Mathematics 9 (2), 192,(2021).
- 49.BV Kumar, K Al-Shaqsi and H Dutta, Hyperstability of Rassias-Ravi reciprocal functional equation, Miskolc Mathematical Notes (2021) 22 (1), 383-392.
- 50.BVS Kumar, K Al-Shaqsi and H Dutta,Various Approximate Multiplicative Inverse Lie –Derivations, New Trends in Applied Analysis and Computational Mathematics, 119-135,(2021).
- 51.MS Kumar, O Bazighifan and K Al-Shaqsi, F Wannalookkhee, K Nonlaopon, Symmetry and its role in oscillation of solutions of third-order differential equations, Symmetry 13 (8), 1485, (2021).
- 52.MS Kumar, R Elayaraja, V Ganesan, O Bazighifan and K Al-Shaqsi, Qualitative behavior of unbounded solutions of neutral differential equations of third-order, Fractal and Fractional 5 (3), 95, (2021).
- 53.BVS Kumar, K Al-Shaqsi and H Dutta,Various Approximate Lie –Derivations, Soft Computing volume 25, pages 14969–14977 (2021).

Faculty Administrative Experience

Head of Math Section
 Head of Research and Consultancy committee
 Assistant Dean for Academic Affairs

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| Community Services |
| A series of Workshops on teaching mathematics. Workshop on how to use e-learning system. |
| Consultancy |
| Providing advice on the application of the standards of mathematics education in the Ministry of Education. |
| Membership in Professional Bodies |
| Member in Oman Mathematics Committee. Member in Geometric Functions Theory committee. Editorial Journals Board Members. |
| Awards and Recognitions |
| Best Teacher Award Ministry of Education 2010. Best Researcher, UTAS – NCT 2018. Foundation Fellowship Scholarship, The Matsumae International Foundation, Tokyo, JAPAN-2022. |