

CURRICULUM VITAE

TAEKYUN KIM

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<https://zbmath.org/?q=Kimhttps://research.com/university/kwangwoon-university>

<https://www.webofscience.com/wos/woscc/summary/4006c9d3-1275-4a61-9c98-ee1408b5109e-a1d30109/relevance/1>

<http://archive.sciencewatch.com/dr/nhp/2009/09maynhp/09maynhpKim/>

<https://www.kw.ac.kr/en/index.jsp>

Education

1983/03–1987/02 B.S. in Kyungpook National University, Daegu, Republic of Korea

1987/03–1989/02 M.S. in Department of Mathematics, Kyungpook National University, Daegu, Republic of Korea

1992/04–1994/03 Ph.D. in Department of mathematics, Kyushu University, Japan.

Specialization: Numer Theory

Thesis title: *On the q -analogue of p -adic log-gamma and L -functions*;

Advisor: Prof. Dr. Katsumi Shiratani

Working Experiences

2022/07–2028/06 Visiting Professor of Research center for Number Theory and Its Applications in North-West University, China

2015/09–2022/08 Distinguished Professor in Xian Technological University, China

2015/09–2019/08 Chair Professor in Tianjin Polytechnic University, China

2008/03–present	Professor in Department of Mathematics, Kwangwoon University
2006/08–2008/02	Professor in Department of Electrical and Computer Engineering, Kyungpook National University
2001/04–2006/07	Research Professor in Institute of Science Education, Kongju National University
1999/01–2000/12	Teacher in Korean Minjok Leadership Academy
1997/03–2000/02	Lecturer in Kyungnam University
1997/03–1999/02	Lecturer in Republic of Korea Naval Academy
1994/08–1998/08	Lecturer in Kyungpook National University
1994/04–1996/02	Researcher. in Topology and Geometry Research Center in Kyungpook National University

Grants

1. Project title: *Identities on the Bernoulli and the Euler Numbers and Polynomials* supported by Kwangwoon University [2012/03–2013/03]
2. Project title: *A Note on q -Bernoulli Numbers and q -Bernstein Polynomials* supported by Kwangwoon University [2011/05–2012/04]
3. Project title: *On Carlitz's type q -Euler Numbers associated with the Fermionic p -adic integral on Z_p* supported by Kwangwoon University [2010/05–2011/04]
4. Project title: *On the Symmetry of the Fermionic p -Adic q -Integral* supported by Kwangwoon University [2009/05–2010/04]
5. Project title: *On the Distribution of the q -Euler and q -Genocchi Polynomials of Higher Order* supported by Kwangwoon University [2008/05–2009/04]
6. Project title: *Research for Non-Archimedean Integrals* supported by National Research Foundation of Korea, NRF [2002/09–2006/02]
7. Project title: *Research for Development Program of Intelligent Cyber Learning in the Field of Mathematics in the Secondary School* supported by National Research Foundation of Korea, NRF [1999/12–2011/11]
8. Project title: *Asymptotic Behavior and Fixed Point Theory for Nonlinear Operators* supported by National Research Foundation of Korea, NRF [1998/12–1999/11]

Professional Activities

1. Founding Editor: Advan.Stud. Contemp. Math. (SCOPUS, 1991/01–Present)
2. Founding Editor: Proc. Jangjeon Math. Soc. (SCOPUS, 2000/07–Present)
3. Editor: Advances in Difference Equations (2014/12-2022/01)
4. Editor: Advanced Journal of Pure and Applied Mathematics: An International Journal (2011/06)
5. Editor in Chief: Fundamental Journal of Mathematics and Mathematical Sciences (2014/06–present)
6. Editor: Intuitionistic Fuzzy Sets Academy (2005/05–2008/12)
7. Editor: Mathematical and Computer Modelling of Dynamical Systems (Taylor/Francis) (2023/08–Present)

Awards

2018/02 Excellent Teaching Award, Kwangwoon University
2017/11 Highly Cited Researcher in 2017, Web of Science
2016/12 Highly Effective Researchers in 2016, Clarivate Analytics
2014/12 Grad Prize of Knowledge Creation, Future Creation Science Department
2013/05 Prize of Hwado-Academy, Kwangwoon University
2008/01 Excellent Researcher in 2007, Kyungpook National University

Publications

Books

1. “Optimal Control Second Edition” by Taekyun Kim, Springer, 2021
2. “Engineering Mathematics” by Taekyun Kim, Kyungmoon Publishers, 2017
3. “An Introduction to Vector Analysis” by Taekyun Kim, Kyunmoon Publishers, 2016
4. “Optimal Control” by Taekyun Kim, Springer, 2016
5. “College Mathematics for Science and engineering” by Taekyun Kim, Kyunmoon Publishers, 2015
6. “Linear Algebra (Easy to understand)” by Taekyun Kim, Bumhan book Publishers, 2015

7. "Expressions of p -adic q -integral in p -adic Number ring" by Taekyun Kim, Kyungpook National University Press, 2013
8. "Fundamental Calculus" by Sangmok Kim and Taekyun Kim, Kyowoo Publishers, 2011
9. "Industrial Mathematics" by Sangmok Kim and Taekyun Kim, Kyowoo Publishers, 2010
10. "Linear Algebra: Theories and Applications" by Taekyun Kim and Hyungjun Ko, Textbooks, 2010

Journal Articles

Published in 2023

1. Normal ordering associated with λ -Stirling numbers in λ -shift algebra Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung Demonstr. Math. 56 (2023), no. 1, Paper No. 20220250, 10 pp.
2. A note on degenerate multi-poly-Bernoulli numbers and polynomials Kim, Taekyun; Kim, Dae San Appl. Anal. Discrete Math. 17 (2023), no. 1, 47–56.
3. Some identities involving Bernoulli, Euler and degenerate Bernoulli numbers and their applications Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung Appl. Math. Sci. Eng. 31 (2023), no. 1, Paper No. 2220873, 12 pp.
4. Representing polynomials by degenerate Bernoulli polynomials Kim, Dae San; Kim, Taekyun Quaest. Math. 46 (2023), no. 5, 959–980.
5. Some identities on generalized harmonic numbers and generalized harmonic functions Kim, Dae San; Kim, Hye Kyung; Kim, Taekyun Demonstr. Math. 56 (2023), no. 1, Paper No. 20220229, 10 pp.
6. Central factorial numbers associated with sequences of polynomials Kim, Dae San; Kim, Taekyun Math. Methods Appl. Sci. 46 (2023), no. 9, 10348–10383.
7. A note on infinite series whose terms involve truncated degenerate exponentials San Kim, Dae; Kim, Hye Kyung; Kim, Taekyun Appl. Math. Sci. Eng. 31 (2023), no. 1, Paper No. 2205643, 9 pp.
8. Some identities related to degenerate r -Bell and degenerate Fubini polynomials Kim, Taekyun; Kim, Dae San; Kwon, Jongkyum Appl. Math. Sci. Eng. 31 (2023), no. 1, Paper No. 2205642, 13 pp.
9. Reciprocity of degenerate poly-Dedekind-type DC -sums Luo, Lingling; Ma, Yuankui; Zhang, Wenpeng; Kim, Taekyun Appl. Math. Sci. Eng. 31 (2023), no. 1, Paper No. 2196422, 11 pp.
10. Combinatorial identities involving degenerate harmonic and hyperharmonic numbers Kim, Taekyun; Kim, Dae San Adv. in Appl. Math. 148 (2023), Paper No. 102535, 15 pp.

11. A new approach to fully degenerate Bernoulli numbers and polynomials Kim, Taekyun; Kim, Dae San *Filomat* 37 (2023), no. 7, 2269–2278.
12. Some identities on degenerate hyperharmonic numbers Kim, Taekyun; Kim, Dae San *Georgian Math. J.* 30 (2023), no. 2, 255–262.
13. Some identities involving degenerate Stirling numbers associated with several degenerate polynomials and numbers Kim, T. K.; Kim, D. S. *Russ. J. Math. Phys.* 30 (2023), no. 1, 62–75.
14. On the partition function Bulnes, J. D.; Kim, T.; López-Bonilla, J.; Vidal-Beltrán, S. *Proc. Jangjeon Math. Soc.* 26 (2023), no. 1, 1–9.
15. On generalized degenerate Euler-Genocchi polynomials Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung *Appl. Math. Sci. Eng.* 31 (2023), no. 1, Paper No. 2159958, 15 pp.

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16. A new approach to Bell and poly-Bell numbers and polynomials Kim, Taekyun; Kim, Dae San; Dolgy, Dmitry V.; Kim, Hye Kyung; Lee, Hyun-seok *AIMS Math.* 7 (2022), no. 3, 4004–4016.
17. Representation by degenerate Genocchi polynomials Kim, Taekyun; Kim, Dae San; Kwon, Jongkyum; Park, Seong-Ho
18. Some identities on degenerate Bell polynomials and their related identities Kim, Taekyun; Kim, Dae San *Proc. Jangjeon Math. Soc.* 25 (2022), no. 1, 1–11.
19. Certain integral and differential equations involving hybrid polynomials via factorization method Sabri, Raziya; Shadab, Mohammad; Kim, Taekyun; Lopez-Bonilla, Jose Luis; Kim, Byung Moon *Proc. Jangjeon Math. Soc.* 25 (2022), no. 1, 13–26.
20. On functional equations of degenerate dilogarithm Kim, Taekyun; Kim, Dae San; Lee, Hyunseok; Kwon, Jongkyum; Kim, Yunjae *Proc. Jangjeon Math. Soc.* 25 (2022), no. 1, 89–93.
21. Degenerate poly-Lah-Bell polynomials and numbers Kim, Taekyun; Kim, Hye Kyung *J. Math.* (2022), Art. ID 2917943, 9 pp.
22. A study on λ -Sheffer sequences by other λ -Sheffer sequences Kim, Taekyun; Kim, Dae San; Lee, Hyunseok; Park, Seongho; Park, Jin Woo *J. Nonlinear Convex Anal.* 23 (2022), no. 2, 321–336.
23. On some summation formulas Kim, Taekyun; Kim, Dae San; Lee, Hyunseok; Kwon, Jongkyum *Demonstr. Math.* 55 (2022), no. 1, 1–7.
24. On some degenerate differential and degenerate difference operators Kim, T.; Kim, D. S. *Russ. J. Math. Phys.* 29 (2022), no. 1, 37–46.
25. Representations by degenerate Daehee polynomials Kim, Taekyun; Kim, Dae San; Lee, Hyunseok; Kwon, Jongkyum *Open Math.* 20 (2022), no. 1, 179–194.

26. Representations of degenerate Hermite polynomials Kim, Taekyun; Kim, Dae San; Jang, Lee-Chae; Lee, Hyunseok; Kim, Hanyoung Adv. in Appl. Math. 139 (2022), Paper No. 102359, 18 pp.
27. Some identities involving degenerate r -Stirling numbers Kim, Taekyun; Kim, Dae San; Kwon, Jongkyum; Lee, Hyunseok Proc. Jangjeon Math. Soc. 25 (2022), no. 2, 245–252.
28. Normal ordering of degenerate integral powers of number operator and its applications Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung Appl. Math. Sci. Eng. 30 (2022), no. 1, 440–447.
29. On degenerate generalized Fubini polynomials Kim, Taekyun; Kim, Dae San; Lee, Hyunseok; Kwon, Jonkyum AIMS Math. 7 (2022), no. 7, 12227–12240.
30. Representations by degenerate Bernoulli polynomials arising from Volkenborn integral Kim, Dae San; Kim, Taekyun Math. Methods Appl. Sci. 45 (2022), no. 11, 6615–6634.
31. Degenerate r -Whitney numbers and degenerate r -Dowling polynomials via boson operators Kim, Taekyun; Kim, Dae San Adv. in Appl. Math. 140 (2022), Paper No. 102394, 21 pp.
32. Some properties on degenerate Fubini polynomials Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung; Lee, Hyunseok Appl. Math. Sci. Eng. 30 (2022), no. 1, 235–248.
33. A study on q -analogues of Catalan-Daehee numbers and polynomials Ma, Yuankui; Kim, Taekyun; Kim, Dae San; Lee, Hyunseok Filomat 36 (2022), no. 5, 1499–1506.
34. Dimorphic properties of Bernoulli random variable Kim, Taekyun; Kim, Dae San; Lee, Hyunseok; Park, Seong-Ho Filomat 36 (2022), no. 5, 1711–1717.
35. Some identities involving degenerate Stirling numbers arising from normal ordering Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung AIMS Math. 7 (2022), no. 9, 17357–17368.
36. Poisson degenerate central moments related to degenerate Dowling and degenerate r -Dowling polynomials Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung Appl. Math. Sci. Eng. 30 (2022), no. 1, 583–597.
37. Some identities on λ -analogues of r -Stirling numbers of the second kind Kim, Dae San; Kim, Hye Kyung; Kim, Taekyun Eur. J. Pure Appl. Math. 15 (2022), no. 3, 1054–1066.
38. Degenerate Whitney numbers of first and second kind of Dowling lattices Kim, T.; Kim, D. S. Russ. J. Math. Phys. 29 (2022), no. 3, 358–377.
39. Fully degenerate Bernoulli numbers and polynomials Kim, Taekyun; Kim, Dae San; Park, Jin-Woo Demonstr. Math. 55 (2022), no. 1, 604–614.

40. Representation by degenerate Frobenius-Euler polynomials Kim, Taekyun; Kim, Dae San Georgian Math. J. 29 (2022), no. 5, 741–754.
41. Degenerate r -Bell polynomials arising from degenerate normal ordering Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung J. Math.(2022), Art. ID 2626249, 6 pp.
42. Some identities related to degenerate Stirling numbers of the second kind Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung Demonstr. Math. 55 (2022), no. 1, 812–821.
43. λ - q -Sheffer sequence and its applications Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung Demonstr. Math. 55 (2022), no. 1, 843–865.
44. Study on r -truncated degenerate Stirling numbers of the second kind Kim, Taekyun; Kim, Dae San; Kim, Hye Kyung Open Math. 20 (2022), no. 1, 1685–1695.
45. Some identities on degenerate r -Stirling numbers via boson operators Kim, T.; Kim, D. S. Russ. J. Math. Phys. 29 (2022), no. 4, 508–517.

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46. r -extended Lah-Bell numbers and polynomials associated with r -Lah numbers. Proc. Jangjeon Math. Soc. 24 (2021), no. 1, 1-10. 11B73 (65C20)
47. Poly-central factorial sequences and poly-central-Bell polynomials. Adv. Difference Equ. 2021, Paper No. 505, 12 pp. 11B73 (11B83)
48. Degenerate poly-Bell polynomials and numbers. Adv. Difference Equ. 2021, Paper No. 361, 12 pp. 11B73 (05A19)
49. Degenerate Sheffer sequences and λ -Sheffer sequences. J. Math. Anal. Appl. 493 (2021), no. 1, Paper No. 124521, 21 pp. (Reviewer: Marko Razpet) 05A40 (11B83)
50. Degenerate zero-truncated Poisson random variables. Russ. J. Math. Phys. 28 (2021), no. 1, 66-72. 60E05
51. Some identities on truncated polynomials associated with degenerate Bell polynomials. Russ. J. Math. Phys. 28 (2021), no. 3, 342-355. 11B73
52. A note on degenerate derangement polynomials and numbers. AIMS Math. 6 (2021), no. 6, 6469-6481. 11B73 (11B83 60E05)
53. On the type 2 poly-Bernoulli polynomials associated with umbral calculus. Open Math. 19 (2021), no. 1, 878-887. 11B68
54. Identities of symmetry for Euler polynomials and alternating power sums. Proc. Jangjeon Math. Soc. 24 (2021), no. 2, 153-170. 11B68 (05A19 11S80)
55. Differential equations associated with higher-order Frobenius-Euler numbers revisited. Differ. Equ. Dyn. Syst. 29 (2021), no. 2, 353-362. 34A05 (05A19 11B68 34A30)

56. Some new formulas of complete and incomplete degenerate Bell polynomials. Adv. Difference Equ. 2021, Paper No. 326, 10 pp. 11B73
57. Representations of degenerate poly-Bernoulli polynomials. J. Inequal. Appl. 2021, Paper No. 58, 12 pp. 11B68 (05A15)
58. Sums of finite products of Chebyshev polynomials of two different types. AIMS Math. 6 (2021), no. 11, 12528-12542. 33C45 (33C05)
59. Some properties of degenerate complete and partial Bell polynomials. Adv. Difference Equ. 2021, Paper No. 304, 12 pp. 11B73 (60G50)
60. Complete and incomplete Bell polynomials associated with Lah-Bell numbers and polynomials. Adv. Difference Equ. 2021, Paper No. 101, 12 pp. 11B73 (05A19 11B83)
61. On λ -linear functionals arising from p -adic integrals on $\mathbb{Z}_p$. Adv. Difference Equ. 2021, Paper No. 479, 12 pp. 11S80 (05A40 11B68)
62. Generalized degenerate Bernoulli numbers and polynomials arising from Gauss hypergeometric function. Adv. Difference Equ. 2021, Paper No. 175, 12 pp. 11B68 (11B73 33C05)
63. A note on degenerate generalized Laguerre polynomials and Lah numbers. Adv. Difference Equ. 2021, Paper No. 421, 12 pp. 33C47 (11B73 42C05 60E05)
64. Reciprocity of poly-Dedekind-type DC sums involving poly-Euler functions. Adv. Difference Equ. 2021, Paper No. 30, 18 pp. 11F20 (11B68)
65. Multi-Lah numbers and multi-Stirling numbers of the first kind. Adv. Difference Equ. 2021, Paper No. 411, 9 pp. 11B68 (11B73 11B83)
66. Multiple object tracking: a literature review. Artificial Intelligence 293 (2021), Paper No. 103448, 23 pp. 68T45 (68T10)

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67. Some identities on λ -analogues of r -Stirling numbers of the first kind. Filomat 34 (2020), no. 2, 451-460. 11B73
68. A note on negative λ -binomial distribution. Adv. Difference Equ. 2020, Paper No. 569, 7 pp. 60E05 (62E15)
69. Lah-Bell numbers and polynomials. Proc. Jangjeon Math. Soc. 23 (2020), no. 4, 577-586. 11B73 (05A19 11B83)
70. Some identities of extended degenerate r -central Bell polynomials arising from umbral calculus. Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM 114 (2020), no. 1, Paper No. 1, 19 pp. 11B73 (05A19 05A40 11B83)
71. A note on central Bell numbers and polynomials. Russ. J. Math. Phys. 27 (2020), no. 1, 76-81. 11B73 (05A15)

72. A note on a new type of degenerate Bernoulli numbers. Russ. J. Math. Phys. 27 (2020), no. 2, 227-235. 11B65
73. Note on the degenerate gamma function. Russ. J. Math. Phys. 27 (2020), no. 3, 352-358. 33B15
74. Degenerate polyexponential functions and degenerate Bell polynomials. J. Math. Anal. Appl. 487 (2020), no. 2, 124017, 15 pp. 11B73 (11M06 33B10 33E05)
75. On sums of finite products of balancing polynomials. J. Comput. Appl. Math. 377 (2020), 112913, 11 pp. 11B83 (05A19 33C45)
76. On degenerate Daehee polynomials and numbers of the third kind. J. Comput. Appl. Math. 364 (2020), 112343, 9 pp. (Reviewer: Dae San Kim) 11B68 (11S80)
77. On fully degenerate Bell numbers and polynomials. Filomat 34 (2020), no. 2, 507-514. 11B73
78. Some identities involving derangement polynomials and numbers and moments of gamma random variables. J. Funct. Spaces 2020, Art. ID 6624006, 9 pp. (Reviewer: László Tóth) 05A19 (11B73 60C05)
79. Identities of symmetry for Bernoulli polynomials and power sums. J. Inequal. Appl. 2020, Paper No. 245, 12 pp. 11B68 (05A19 11S80)
80. Identities of symmetry for type 2 q -Bernoulli polynomials under symmetric group S_3 . J. Nonlinear Convex Anal. 21 (2020), no. 9, 1973-1979. 11B68 (05A19 05A30 11S80)
81. Some identities for degenerate complete and incomplete r -Bell polynomials. J. Inequal. Appl. 2020, Paper No. 23, 9 pp. 11B73 (05A19 11B83)
82. Two variable degenerate Bell polynomials associated with Poisson degenerate central moments. Proc. Jangjeon Math. Soc. 23 (2020), no. 4, 587-596. 11B73 (11B83)
83. A note on sums of finite products of Lucas-balancing polynomials. Proc. Jangjeon Math. Soc. 23 (2020), no. 1, 1-22. 11B39
84. Jindalrae and Gaenari numbers and polynomials in connection with Jindalrae-Stirling numbers. Adv. Difference Equ. 2020, Paper No. 245, 19 pp. 11B73 (05A19 11B83)
85. p -adic integral on $\mathbb{Z}_p$ associated with degenerate Bernoulli polynomials of the second kind. Adv. Difference Equ. 2020, Paper No. 278, 20 pp. 11B68 (11B73 11B83 11S80)
86. A note on degenerate r -Stirling numbers. J. Inequal. Appl. 2020, Paper No. 225, 12 pp. 11B73 (05A10)
87. Poly-Dedekind sums associated with poly-Bernoulli functions. J. Inequal. Appl. 2020, Paper No. 248, 10 pp. 11B68 (11F20)

88. Identities on poly-Dedekind sums. Adv. Difference Equ. 2020, Paper No. 563, 13 pp. 11F20 (11B68 11B83)
89. Degenerate binomial coefficients and degenerate hypergeometric functions. Adv. Difference Equ. 2020, Paper No. 115, 17 pp. 11B73 (05A10 11B65 11B83 33C70)
90. Degenerate polyexponential functions and type 2 degenerate poly-Bernoulli numbers and polynomials. Adv. Difference Equ. 2020, Paper No. 168, 12 pp. 11B68 (05A19 33B30)
91. A note on degenerate Genocchi and poly-Genocchi numbers and polynomials. J. Inequal. Appl. 2020, Paper No. 110, 13 pp. 11B73 (05A19 11B83)
92. Some results on degenerate Daehee and Bernoulli numbers and polynomials. Adv. Difference Equ. 2020, Paper No. 311, 13 pp. 11B83 (05A19 11B68 11B73)
93. A note on discrete degenerate random variables. Proc. Jangjeon Math. Soc. 23 (2020), no. 1, 125-135. 60C05 (11B83)
94. Some identities of Lah-Bell polynomials. Adv. Difference Equ. 2020, Paper No. 510, 10 pp. 11B83 (05A40 11B68)
95. A family of associated sequences and their representations by Appell polynomials. Proc. Jangjeon Math. Soc. 23 (2020), no. 4, 445-458. 11B68 (05A19 05A40 11B83)
96. Degenerate poly-Bernoulli polynomials arising from degenerate polylogarithm. Adv. Difference Equ. 2020, Paper No. 444, 9 pp. 11B68 (05A19 11B73 11B83 33B30)
97. Degenerate Bell polynomials associated with umbral calculus. J. Inequal. Appl. 2020, Paper No. 226, 15 pp. 11B68 (05A19 05A40 11B73 11B83)

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98. A note on r -Whitney type central factorial numbers of the second kind. Proc. Jangjeon Math. Soc. 22 (2019), no. 1, 1-6. 11B68
99. Degenerate central Bell numbers and polynomials. Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM 113 (2019), no. 3, 2507-2513. 11B68 (11B73 11B83)
100. A note on type 2 Changhee and Daehee polynomials. Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM 113 (2019), no. 3, 2783-2791. 11B83 (11S80)
101. Identities for degenerate Bernoulli polynomials and Korobov polynomials of the first kind. Sci. China Math. 62 (2019), no. 5, 999-1028. (Reviewer: Ugur Duran) 05A19 (05A40 11B83)

102. Differential equations associated with degenerate Changhee numbers of the second kind. *Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM* 113 (2019), no. 3, 1785-1793. 34A34 (05A19 11B83)
103. Degenerate central factorial numbers of the second kind. *Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM* 113 (2019), no. 4, 3359-3367. 11B83 (12E10)
104. Some applications of degenerate poly-Bernoulli numbers and polynomials. *Georgian Math. J.* 26 (2019), no. 3, 415-421. (Reviewer: Mehmet Cenkci) 11B83 (05A40 11B68 11S80)
105. Some identities of fully degenerate Bell polynomials arising from differential equations. *Proc. Jangjeon Math. Soc.* 22 (2019), no. 2, 357-363. 11B68 (11S40 11S80)
106. Some identities of central Fubini polynomials arising from nonlinear differential equation. *Proc. Jangjeon Math. Soc.* 22 (2019), no. 2, 205-213. 11T23 (94B05)
107. Degenerate Bernstein polynomials [MR3956291]. *Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM* 113 (2019), no. 3, 2921-2922. 11B83
108. Degenerate Bernstein polynomials. *Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM* 113 (2019), no. 3, 2913-2920. 11B83
109. Sheffer type degenerate Euler and Bernoulli polynomials. *Filomat* 33 (2019), no. 19, 6173-6185. 11B68
110. Extended Stirling numbers of the first kind associated with Daehee numbers and polynomials. *Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM* 113 (2019), no. 2, 1159-1171. 11B73 (05A19 11B83)
111. A note on polyexponential and unipoly functions. *Russ. J. Math. Phys.* 26 (2019), no. 1, 40-49. 33B20
112. On degenerate central complete Bell polynomials. *Appl. Anal. Discrete Math.* 13 (2019), no. 3, 805-818. 11B83 (11B75)
113. Bernoulli F -polynomials and Fibo-Bernoulli matrices. *Adv. Difference Equ.* 2019, Paper No. 145, 16 pp. 11B68 (11B39 15B36)
114. Differential equations associated with degenerate Cauchy numbers. *Iran. J. Sci. Technol. Trans. A Sci.* 43 (2019), no. 3, 1021-1025. 11B83 (34A05)
115. A note on type 2 q -Bernoulli and type 2 q -Euler polynomials. *J. Inequal. Appl.* 2019, Paper No. 181, 10 pp. 11S80 (05A30 11B65)
116. Some identities of degenerate Euler polynomials associated with degenerate Bernstein polynomials. *J. Inequal. Appl.* 2019, Paper No. 160, 11 pp. 11B83 (11S80)

117. Two variable higher-order central Fubini polynomials. *J. Inequal. Appl.* 2019, Paper No. 146, 13 pp. 11B73 (05A40)
118. A note on degenerate Bernstein polynomials. *J. Inequal. Appl.* 2019, Paper No. 129, 12 pp. 11B75 (11B83)
119. Ordinary and degenerate Euler numbers and polynomials. *J. Inequal. Appl.* 2019, Paper No. 265, 11 pp. 11B68
120. Trajectories as topics: multi-object tracking by topic discovery. *IEEE Trans. Image Process.* 28 (2019), no. 1, 240-252.
121. Some identities on r -central factorial numbers and r -central Bell polynomials. *Adv. Difference Equ.* 2019, Paper No. 245, 11 pp. 11B73
122. Extended r -central Bell polynomials with umbral calculus viewpoint. [Corrected title: Extended r -central Bell polynomials with umbral calculus viewpoint] *Adv. Difference Equ.* 2019, Paper No. 202, 17 pp. (Reviewer: Renzo Sprugnoli) 05A10 (05A19 05A40 11B73 11B83)
123. Some identities of special numbers and polynomials arising from p -adic integrals on $\mathbb{Z}_p$. *Adv. Difference Equ.* 2019, Paper No. 190, 15 pp. 11B83 (05A19 11S80)
124. Representation by several orthogonal polynomials for sums of finite products of Chebyshev polynomials of the first, third and fourth kinds. *Adv. Difference Equ.* 2019, Paper No. 110, 16 pp. 33C45
125. Extended central factorial polynomials of the second kind. *Adv. Difference Equ.* 2019, Paper No. 24, 12 pp. 11B75 (11B83)
126. On type 2 degenerate Bernoulli and Euler polynomials of complex variable. *Adv. Difference Equ.* 2019, Paper No. 490, 15 pp. 11B83 (05A19)
127. Representing by several orthogonal polynomials for sums of finite products of Chebyshev polynomials of the first kind and Lucas polynomials. *Adv. Difference Equ.* 2019, Paper No. 162, 15 pp. (Reviewer: Yu-Qiu Zhao) 33C45
128. λ -analogues of Stirling polynomials of the first kind and their applications. *J. Inequal. Appl.* 2019, Paper No. 301, 14 pp. 11B73 (60E05 60G50)
129. Some identities involving special numbers and moments of random variables. *Rocky Mountain J. Math.* 49 (2019), no. 2, 521-538. (Reviewer: Takao Komatsu) 05A19 (11B83)

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