

Professor Songxiao Li

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Academic Qualification:

Ph.D. in Mathematics, Shantou University, P.R.China, 2008

Master in Mathematics, Xiangtan University, P.R.China, 2003

Bachelor in Mathematics, Xiangtan University, P.R.China, 2000

Teaching Area

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Research Area

- Operators on holomorphic function spaces: Integral operators and composition operators on various spaces.
- Complex analysis: characterizations for various spaces.

Working Experience

Professor, Faculty of Information Technology, MUST, 2014 - present

Professor, Department of Mathematics, Jiaying University, P.R.China, 2012 - 2014

Associate Professor, Department of Mathematics, Jiaying University, P.R.China, 2008 - 2012

Lecturer, Department of Mathematics, Jiaying University, P.R.China, 2003 - 2008.

Academic Publication (selected)

[1] Flavia Colonna and Li, Songxiao, Weighted composition operators from the Lipschitz space into the Zygmund spaces, *Math. Ineq. Appl.* 17 (2014), no. 3, 963–975.

[2] Flavia Colonna and Li, Songxiao, Weighted composition operators from the minimal Mobius invariant space into the Bloch space, *Mediterr. J. Math.* 10(2013), 395-409.

[3] Flavia Colonna and Li, Songxiao, Weighted composition operators from H^∞ into the Zygmund spaces, *Complex Anal. Operator Theory*, 7 (2013), 1495–1512.

[4] Li, Songxiao, Differences of generalized composition operators on the Bloch space, *J. Math. Anal. Appl.* 394 (2012), 706-711.

[5] Li, Songxiao, An integral-type operator from Bloch spaces to Q_p spaces in the unit ball, *Math. Ineq. Appl.* 15, 4 (2012), 959–972.

[6] Li, Songxiao; Wulan, Hasi, Zhu, Kehe, A characterization of weighted Bergman spaces in the unit ball II, *Canad. Math. Bull.* 55, 2012 146–152.

[7] Li, Songxiao; Romi, Shamoyan, On some estimates and Carleson type measure for multifunctional holomorphic spaces in the unit ball, *Bull. Sci. math.* 134 (2010), 144–154.

[8] Li, Songxiao; Wulan, Hasi, Volterra type operators on QK spaces, *Taiwanese J. Math.* 14(2010), 195-212.

[9] Li, Songxiao; Wulan, Hasi, Some new characterizations of Bloch spaces, *Taiwanese J. Math.* 14(6)(2010), 2245-2259.

[10] Li, Songxiao; Wulan, Hasi, Characterizations of Q_p spaces in the unit ball of C_n , *J. Math. Anal. Appl.* 360 (2009), 689-696.

- [11] Li, Songxiao; Stević, Stevo, Riemann-Stieltjes operators between α -Bloch spaces and Besov spaces. *Math. Nachr.* 282 (2009), no. 6, 899-911.
- [12] Li, Songxiao; Wulan, Hasi; Zhao, Ruhan; Zhu, Kehe, A characterisation of Bergman spaces on the unit ball of \mathbb{C}^n . *Glasg. Math. J.* 51 (2009), no. 2, 315-330.
- [13] Li, Songxiao; Stević, Stevo, Weighted composition operators between H^∞ and α -Bloch spaces in the unit ball. *Taiwanese J. Math.* 12 (2008), no. 7, 1625-1639.
- [14] Li, Songxiao; Stević, Stevo, Riemann-Stieltjes operators between different weighted Bergman spaces. *Bull. Belg. Math. Soc. Simon Stevin* 15 (2008), no. 4, 677-686.
- [15] Li, Songxiao; Stević, Stevo, Some characterizations of the Besov space and the α -Bloch space. *J. Math. Anal. Appl.* 346 (2008), no. 1, 262-273.
- [16] Li, Songxiao; Wulan, Hasi, Characterizations of α -Bloch spaces on the unit ball. *J. Math. Anal. Appl.* 343 (2008), no. 1, 58-63.
- [17] Li, Songxiao; Stević, Stevo, Generalized composition operators on Zygmund spaces and Bloch type spaces. *J. Math. Anal. Appl.* 338 (2008), no. 2, 1282-1295.
- [18] Chang, Der-Chen; Li, Songxiao; Stević, Stevo, On some integral operators on the unit polydisk and the unit ball. *Taiwanese J. Math.* 11 (2007), no. 5, 1251-1285.
- [19] Li, Songxiao; Stević, Stevo, Weighted composition operators from α -Bloch space to H^∞ on the polydisc. *Numer. Funct. Anal. Optim.* 28 (2007), no. 7-8, 911-925.
- [20] Li, Songxiao; Stević, Stevo, Weighted composition operators from H^∞ to the Bloch space on the polydisc. *Abstr. Appl. Anal.* 2007, Art. ID 48478, 13 pp.
- [21] Li, Songxiao; Stević, Stevo, Riemann-Stieltjes-type integral operators on the unit ball in \mathbb{C}^n . *Complex Var. Elliptic Equ.* 52 (2007), no. 6, 495-517.
- [22] Li, Songxiao; Wulan, Hasi, Composition operators on QK spaces. *J. Math. Anal. Appl.* 327 (2007), no. 2, 948-958.
- [23] Li, Songxiao; Stević, Stevo, Volterra-type operators on Zygmund spaces. *J. Inequal. Appl.* 2007, Art. ID 32124, 10 pp.
- [24] Li, Songxiao, Some new characterizations of Dirichlet type spaces on the unit ball of \mathbb{C}^n . *J. Math. Anal. Appl.* 324 (2006), no. 2, 1073-1083.

Professional Society Membership

Member of editorial board: *Journal of Mathematical Inequalities*(SCIE), 2014-present

Reviewer of *Mathematical Reviews* of American Mathematical Society