

Javad Mashreghi

Education

- 1996–2001 **Ph.D.**, *McGill University, Department of Mathematics and Statistics.*
Field: Pure Mathematics, Analysis.
Supervisors: Victor Havin & Paul Koosis.
- 1991–1993 **M.Sc.**, *University of Tehran, Department of Mathematics and Computer Sciences.*
Field: Pure Mathematics, Analysis.
Supervisor: Arsalan Chademan.
- 1986–1991 **B.Sc.**, *University of Tehran, Department of Electrical Engineering.*
Field: Electronics.
Supervisor: Farrokh Arazm.

Research Interests

- Complex Analysis, Spaces of Analytic Functions
- Operator Theory
- Matrix Theory
- Classical Harmonic Analysis
- Potential Theory

Employment History

Academic Positions

- 2009– **Professeur titulaire (Professor)**, *Laval University, Québec.*
- 2005–2009 **Professeur agrégé (Associate Professor)**, *Laval University, Québec.*
- 2001–2005 **Professeur adjoint (Assistant Professor)**, *Laval University, Québec.*
- 2000–2001 **Lecturer**, *Dawson College, Montreal.*
- 2000–2001 **Lecturer**, *McGill University, Montreal.*

Some Invited/Visiting Positions

- 2015 **Visiting Professor**, *University of Waterloo*, four months.
- 2015 **Visiting Professor**, *York University*, four months.
- 2013 **Visiting Professor**, *Queen's University*, Dept. Elec. Comput. Eng., one month.
- 2012 **Visiting Professor**, *University of Syracuse*, one month.
- 2008 **Invited Professor**, *Université Claude Bernard Lyon 1*, one month.
- 2007 **Invited Professor**, *NTNU, Norway*, four months.
- 2007 **Visiting Professor**, *University of Delaware*, one month.

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Some Research Grants

Individual Grants

- 2014 **CNRS**, *Visiting Fellowship*, Fédération de Recherche Mathématique du Nord-Pas de Calais.
- 2012–2018 **NSERC**, *Discovery Grant*, Spaces of analytic functions and their operators.
- 2007–2012 **NSERC**, *Discovery Grant*, Derivative of functions in de Branges and Dirichlet spaces.
- 2008–2010 **Fonds Racine**, *Private Funding*, Fonds de soutien à la recherche en mathématiques.
- 2002–2007 **NSERC**, *Discovery Grant*, Moduli of functions in the coinvariant subspaces of H^2 .
- 2002–2005 **FCAR**, *Nouveaux Chercheurs*, Multiplier theorems for singular model subspaces.

Team Grants

- 2015–2021 **FRQNT**, *Regroupement stratégiques du CRM*.
Team: L. Vinet (CRM director & team leader), CRM members.
- 2008–2015 **FRQNT**, *Regroupement stratégiques du CRM*.
Team: F. Lalonde (CRM director & team leader), CRM members.
- 2007–2010 **FQRNT**, *Capacity and theory of functions*.
Team: J. Mashreghi, T. Ransford (principal applicant), J. Rostand.
- 2003–2008 **FQRNT**, *Regroupement stratégiques du CRM*.
Team: J. Hurtubise (CRM director & team leader), CRM members.
- 2003–2004 **FCAR**, *Analytic multifunctions and spectral theory*.
Team: L. Baribeau, J. Mashreghi, T. Ransford (principal applicant).

Honors, Awards, Distinctions

- **CNRS Fellow**, *France, 2014*.
- **Khwarizmi International Award**, *Research Prize of IROST, 2009, declined*.
- **Le Fonds Racine**, *Fondation Laval, Laval University, 2008-2010*.
- **G. de B. Robinson Award**, *Publication Prize of CMS, 2004*.
- **Professeur Étoile (Star Professor)**, *Excellence in Teaching Award, Laval University, new series, years 2012, 2013*.
- **Professeur Étoile (Star Professor)**, *Excellence in Teaching Award, Laval University, academic years 2002-2003, 2005-2006, 2007-2008, 2009-2010, 2010-2011*.
- **Young Researcher Award**, *Programme établissement de nouveaux chercheurs du FCAR, Québec, 2002*.
- **Distinguished Student Award**, *Office of Education and Ethical Affairs, Kashan, 1983*.

Selected Teaching Experience

- Two undergraduate textbooks (French)
- Five graduate textbooks
- Two monographs
- Seven times granted the title *professeur étoile* (star professor) of the year for excellence in teaching by the Dean of Faculty of Science and Engineering, LU
- Long experience of teaching in different
 - levels (B.Sc., M.Sc. and Ph.D.),
 - languages (Persian, French and English), and
 - places (see Academic and Visiting/Invited Positions)
- **Undergraduate courses** lectured (some courses several times)
 - In English: Calculus, Ordinary Differential Equations
 - In French: Topologie, Analyse I, Analyse II, Analyse III, Analyse complexe, Complément d'analyse, Introduction à l'analyse, Équations différentielles, Fonctions d'une variable réelle, Mathématiques de l'ingénieur III, Structures algébriques
 - In Persian: Calculus I, Calculus II, Calculus III, Computer Programming, Electronics Laboratory, Engineering Mathematics, Linear Algebra, Ordinary Differential Equations, Probability Theory
- **Graduate courses** lectured
 - In English: Advanced Complex Analysis
 - In French: Topologie, Algèbre commutative, Analyse complexe avancé, Analyse fonctionnelle I, Analyse fonctionnelle, Analyse harmonique, Espaces de Hardy, Fonctions d'une variable complexe, Produits de Blaschke, Théorie de Galois, Théorie des opérateurs, Théorie du potentiel
 - In Persian: Theory of Hardy Spaces, Dirichlet Spaces

Students

B.Sc., NSERC Summer Research Project

- 2014 Jonathan Godin
- 2013 Francis Desjardins, Maxim Dion
- 2008 Alexandre Lemire Paquin, Jérôme Fortier
- 2007 Jérôme Fortier, François Guay
- 2006 François Boulduc
- 2003 Roland Rivard, François D'Auteuil-Potvin

B.Sc., Final Project (projets de fin d'études)

- 2014 François Boivin (*This project won Department Chair's Award*), Nicolas Döbeli
- 2013 Mathieu Lavoie
- 2012 Martin Richard Cerda
- 2011 Éric Poirier, Michael Vallée

2010 Pierrot Jesse Fillion
2007 Malik Younsi (*This project won Department Chair's Award*)
2006 Maggy Pouliot
2005 Samia Lahoweg
2002 Eric Pronovost

M.Sc. (with memoir)

2015– Samir Boulafaat
2014–2015 Francioli Clostone Mahoungou (African Inst. Math. Sciences, Senegal)
2013–2015 Mathieu Lavoie
2013–2015 Dmytro Liashenko (Queen's University)
2012–2014 Frédéric Morneau Guérin
2011–2013 François Laniel
2006–2007 Yasser Farhat
2004–2006 Denis Landry
2004–2005 Roland Rivard
2003–2004 Javad Mansoori (University of Kerman)
2003–2004 Mahmood Shabankhah

Ph.D.

2015– Ali Hajebrahimi
2014– Hossein Sadeghi
2012– Anush Stepanyan
2012– Geoffroy Rouget
2009–2015 Tarik Jari
2011–2015 Muath Karaki
2006–2010 Mehdi Roohi
2004–2009 Majid Jaber Douraki
2004–2008 Mahmood Shabankhah

Postdoc

2015–2016 Oguz Ogur
2014–2016 Hubert Klaja
2012–2014 Stamatis Pouliasis
2008–2010 Mostafa Nasri
2004–2006 Abdellatif Bourhim

Selected Administrative Committees

- 2016–2021 Editor, Canadian Journal of Mathematics & Canadian Mathematical Bulletin
- 2014–2016 NSERC, Individual Discovery Grant, Mathematics and Statistics, Evaluation Group (EG 1508), Incoming Chair in 2015, Chair in 2016
- 2014–2017 Graduate Program Committee, Laval University, also 2003-2005
- 2012–2014 Undergraduate Program Committee, Laval University, also 2003-2005
- 2012–2013 FQRNT Team Grant for the program *projet de recherche en équipe*, Committee President, also 2008-2009
- 2012–2013 ISM Distinguished Doctoral Scholarship, also 2010-2011
- 2011–2015 AARMS Postdoctoral Fellowship
- 2011–2015 The Scientific Review Panel of AARMS
- 2011–2013 FQRNT, Bourses de réintégration à la recherche
- 2010–2013 Faculty Council, Faculty of Science and Engineering, Laval University
- 2009–2011 Bilingualism Committee, CMS
- 2008–2013 Editor, Annales des sciences mathématiques du Québec
- 2008–2011 Publication Committee, CMS
- 2006–2009 Board of Directors, CRM
- 2005–2008 Board of Directors, CMS
- 2003–2005 Carl Herz Award, ISM
- 2003–2006 Postdoctoral Fellowship, CRM-ISM, also 2011-2012, 2014-2015

Recent Event Organization

- 2016 New Trends in Approximation Theory, In memory of André Boivin, Fields Institute, July 25-28
- 2016 Spectral Theory and its Applications, CRM Summer School in Quebec City, July 4-14
- 2015 Session on Complex Analysis and Operator Theory, CMS Winter Meeting, Montreal, December 4–7
- 2015 Session on Operator Theory on Analytic Function Spaces, CMS Summer Meeting, University of Prince Edward Island, June 5–8
- 2013 Invariant Subspaces of the Shift Operator, CRM, August 26-30
- 2013 Blaschke Products and their Applications, Fields Institute, July 25-29
- 2012 Session on Complex Analysis and Operator Theory, CMS Winter Meeting, CRM, December 8–10
- 2011 Session on Composition Operators, CMS Winter Meeting, University of Ryerson and York University, December 10-12
- 2011 Complex Analysis and Potential Theory, in honor of Paul Gauthier and Kohur Gowrisankaran, CRM, June 20-23
- 2008 Hilbert Spaces of Analytic Functions, CRM, December 8-12

Selected Talks

- 2016 An application of finite Blaschke products in operator theory, Joint Mathematics Meeting, AMS and MAA, Session on Operators Functions and Models, Washington State Convention Center, Seattle, January 6-9
- 2015 On Mapping Theorems for Numerical Range, Blaschke Products and Function Theory, Institute of Mathematical research, University of Hong Kong, July 29-31
- 2015 Approximation in $\mathcal{H}(b)$ Spaces, Applied Functional Analysis, BIRS, Mexico, June 29-July 3
- 2015 A group structure on \mathbb{D} and its application for composition operators on model spaces, CMS Summer Meeting, Session on Operator Theory on Analytic Function Spaces, University of Prince Edward Island, June 5-8
- 2014 Carleson measures for analytic function spaces, University of Western Ontario, October 28
- 2014 Embedding theorems for the Dirichlet space, McGill University, October 6
- 2014 La mesure de Carleson pour l'espace de Dirichlet, Laboratoire Paul Painlevé, Université Lille 1, May 16
- 2013 L'opérateur de composition sur les espaces modèles, Institut de Mathématiques de Bordeaux, Université Bordeaux, November 7
- 2013 Composition operators on function spaces, University of Montreal, October 25
- 2013 An Application of Entire Functions of Exponential Type in Banach Algebra, Analytic Spaces and Their Operators, Memorial University of Newfoundland, July 9-12
- 2012 La beauté des matrices, Grand Public Conference, Laval University, April 26
- 2012 Composition of inner functions, AMS Sectional Meeting, Session on Complex Analysis and Operator Theory, University of South Florida, March 10-11
- 2012 Boundary behavior of functions in de Branges-Rovnyak spaces, Carleton University, March 5
- 2011 Composition operators on model subspaces, University of Concordia, October 28
- 2010 La transformée de Hilbert de fonctions Lipschitz, Université de Provence, Marseille, December 6
- 2010 Hilbert transform of Lipschitz functions and its generalization, Second Quebec-Bavaria Mathematical Meeting, University of Wuerzburg, November 22-25
- 2010 Hilbert transform of Lipschitz functions and its generalization, University of Western Ontario, October 22
- 2009 Zero sets and uniqueness sets for the Dirichlet space, Kuwait University, May 6
- 2008 Mean Values of Blaschke products, Second Canada-France Congress, Session on Complex Analysis and Operator Theory, U. Québec à Montréal, June 1-6
- 2008 Les valeurs propres des matrices bistochastiques, Institut Camille Jordan, Université Lyon I, May 27
- 2007 Doubly stochastic matrices, Norwegian University of Science and Technology (NTNU), November 29

Publications

Research Articles in Refereed Journals

- (1) J. Mashreghi, A. Stepanyan. Nonlinear maps preserving the reduced minimum modulus of operators. *Linear Algebra Appl.*, to appear.
- (2) O. El-Fallah, E. Fricain, K. Kellay, J. Mashreghi, T. Ransford. Constructive approximation in de Branges–Rovnyak spaces. *Constr. Approx.*, to appear.
- (3) O. El-Fallah, K. Kellay, H. Klaja, J. Mashreghi, T. Ransford. Dirichlet spaces with superharmonic weights and de Branges–Rovnyak spaces. *Complex Anal. Oper. Theory*, to appear.
- (4) H. Klaja, J. Mashreghi, T. Ransford. On mapping theorems for numerical range. *Proc. Amer. Math. Soc.*, to appear.
- (5) E. Frician, M. Karaki, J. Mashreghi. A group structure on \mathbb{D} and its application for composition operators. *Ann. Funct. Anal.*, Special issue in honor of A. To-Ming Lau, 7(1):76–95, 2015.
- (6) O. El-Fallah, K. Kellay, J. Mashreghi, T. Ransford. One-box conditions for Carleson measures for the Dirichlet space. *Proc. Amer. Math. Soc.*, to appear.
- (7) J. Mashreghi, T. Ransford. A Gleason–Kahane–Żelazko theorem for modules and applications to holomorphic function spaces. *J. Lond. Math. Soc.*, 47 (6):1014–1020, 2015.
- (8) A. Bourhim, J. Mashreghi. Maps preserving the local spectrum of product of operators. *Glasg. Math. J.*, 57(3):709–7018, 2015.
- (9) J. Mashrehi, S. Pouliasis. Condenser capacity, exponential Blaschke products and universal covering maps. *Proc. Amer. Math. Soc.*, 143(8):3547–3559, 2015.
- (10) A. Bourhim, J. Mashreghi. Maps preserving the local spectrum of triple product of operators. *Linear Multilinear Algebra*, 63(4):765–773, 2015.
- (11) A. Bourhim, J. Mashreghi, A. Stepanyan. Nonlinear maps preserving the minimum and surjectivity moduli. *Linear Algebra Appl.*, 463:171–189, 2014.
- (12) E. Fricain, J. Mashreghi, D. Seco. Cyclicity in reproducing kernel Hilbert spaces of analytic functions. *Comput. Methods Funct. Theory*, 14(4):665–680, 2014.
- (13) J. Mashreghi, D. Timotin. Nonextreme de Branges–Rovnyak spaces as models for contractions. *Integral Equ. Oper. Theory*, 80(1):137–152, 2014.
- (14) J. Mashreghi, M. Shabankhah. Composition of inner functions. *Canad. J. Math.*, 66(2):387–399, 2014.
- (15) E. Fricain, J. Mashreghi. On a characterization of finite Blaschke products. *Complex Var. Elliptic Equ.*, 59(3):362–368, 2014.
- (16) A. Bourhim, J. Mashreghi. Local spectral radius preservers. *Integral Equ. Oper. Theory*, 76(1):95–104, 2013.
- (17) D. Drissi, J. Mashreghi. Resolvent spaces for algebraic operators and applications. *J. Math. Anal. Appl.*, 402(1):179–184, 2013.

- (18) J. Mashreghi, M. Shabankhah. Composition operators on finite rank model subspaces. *Glasg. Math. J.*, 55(1):69–83, 2013.
- (19) K. Kellay, J. Mashreghi. On zero sets in the Dirichlet space. *J. Geom. Anal.*, 22(4):1055–1070, 2012.
- (20) J. Mashreghi, M. Nasri. A proximal augmented Lagrangian method for equilibrium problems. *Appl. Anal.*, 91(1):157–172, 2012.
- (21) J. Mashreghi, M. Nasri. Hybrid Lagrange multiplier approaches for solving infinite dimensional equilibrium problems with cone constraints. *J. Nonlinear Convex Anal.*, 13(2):331–349, 2012.
- (22) J. Mashreghi, M. Shabankhah. Admissible functions for the Dirichlet space. *Studia Math.*, 198(2):147–156, 2010.
- (23) A. Baranov, I. Chalendar, E. Fricain, J. Mashreghi, D. Timotin. Bounded symbols and reproducing kernel thesis for truncated Toeplitz operators. *J. Funct. Anal.*, 259(10):2673–2701, 2010.
- (24) J. Mashreghi, M. Nasri. Strong convergence of an inexact proximal point algorithm for equilibrium problems in Banach spaces. *Numer. Funct. Anal. Optim.*, 31(7-9):1053–1071, 2010.
- (25) A. Baranov, E. Fricain, J. Mashreghi. Weighted norm inequalities for de Branges–Rovnyak spaces and their applications. *Amer. J. Math.*, 132(1):125–155, 2010.
- (26) J. Mashreghi, M. Nasri. Forcing strong convergence of Korpelevich's method in Banach spaces with its applications in game theory. *Nonlinear Anal.*, 72(3-4):2086–2099, 2010.
- (27) J. Mashreghi, M. Shabankhah. Zero sets and uniqueness sets with one cluster point for the Dirichlet space. *J. Math. Anal. Appl.*, 357(2):498–503, 2009.
- (28) J. Mashreghi. The rate of increase of mean values of functions in Hardy spaces, *J. Aust. Math. Soc.*, 86(2):199–204, 2009.
- (29) J. Mashreghi, M. Shabankhah. Integral means of the logarithmic derivative of Blaschke products. *Comput. Methods Funct. Theory*, 9(2):421–433, 2009.
- (30) E. Fricain, J. Mashreghi. Integral representations of the n -th derivative in de Branges-Rovnyak spaces and the norm convergence of its reproducing kernel. *Ann. Inst. Fourier (Grenoble)*, 58(6):2113–2135, 2008.
- (31) E. Fricain, J. Mashreghi. Integral means of the derivatives of Blaschke products. *Glasg. Math. J.*, 50(2):233–249, 2008.
- (32) M. Jaber, M. Dehghan, J. Mashreghi. Dynamics of the Difference Equation $x_{n+1} = \frac{x_n + p x_{n-k}}{x_n + q}$. *Comput. Math. Appl.*, 56(1):186–198, 2008.
- (33) M. Jaber, J. Mashreghi. On the population model of the non-autonomous logistic equation of second order with period-two parameters. *J. Difference Equ. Appl.*, 14(3):231–257, 2008.
- (34) E. Fricain, J. Mashreghi. Boundary behavior of functions in the de Branges-Rovnyak spaces. *Complex Anal. Oper. Theory*, 2(1):87–97, 2008.

- (35) E. Fricain, J. Mashreghi. Exceptional sets for the derivatives of Blaschke products. *Proc. St. Petersburg Math. Soc.*, AMS Translation Series 2, 222, 13:163–170, 2008.
- (36) J. Mashreghi, M. Pouryayevali. Argument of outer functions on the real line. *Illinois J. Math.*, 51(2):499–511, 2007.
- (37) J. Mashreghi, R. Rivard. On a conjecture about the eigenvalues of doubly stochastic matrices. *Linear Multilinear Algebra*, 55(5):491–498, 2007.
- (38) E. Fricain, J. Mashreghi. Exceptional sets for the derivatives of Blaschke products. *Trudy Sankt Peterburgskogo Matematicheskogo Obshchestva*, (Russian), 13:203–212, 2007.
- (39) V. Havin, J. Mashreghi, F. Nazarov. The Beurling–Malliavin multiplier theorem, the seventh proof. *St. Petersburg Math. J.*, AMS Translations, 17(5):699–744, 2006.
- (40) V. Havin, J. Mashreghi, F. Nazarov. The Beurling–Malliavin multiplier theorem, the seventh proof. *Algebra i analiz*, (Russian), 17(5):3–68, 2005.
- (41) J. Mashreghi. Generalized Lipschitz functions. *Comput. Methods Funct. Theory*, 5(2):431–444, 2005.
- (42) J. Mashreghi, M. Pouryayevali. On the regularity of S-differential metric. *Canad. Math. Bull.*, 48(4):601–606, 2005.
- (43) J. Mashreghi, T. Ransford. Binomial sums and functions of exponential type. *Bull. Lond. Math. Soc.*, 37(1):15–24, 2005.
- (44) V. Havin, J. Mashreghi. Admissible majorants for model subspaces of $H^2(\mathbb{R})$, Part II, fast winding of the generating inner function. *Canad. J. Math.*, 55(6):1264–1301, 2003.
- (45) V. Havin, J. Mashreghi. Admissible majorants for model subspaces of $H^2(\mathbb{R})$, Part I, slow winding of the generating inner function. *Canad. J. Math.*, 55(6):1231–1263, 2003.
- (46) J. Mashreghi. Hilbert transform of $\log |f|$. *Proc. Amer. Math. Soc.*, 130(3):683–688, 2002.
- (47) J. Mashreghi. Expanding a finite Blaschke product. *Complex Var. Theory Appl.*, 47(3):255–258, 2002.
- (48) J. Mashreghi. A new proof of Levy’s theorem. *Ital. J. Pure Appl. Math.*, 12:113–117, 2002.

Articles in Conference Proceedings, Expository Articles, etc.

- (49) S. Garcia, J. Mashreghi, W. Ross. A survey on finite Blaschke products. *Mittag-Leffler conference proceedings*, to appear.
- (50) A. Bourhim, J. Mashreghi. Composition operators on the Hardy–Hilbert space H^2 and model spaces K_Θ . *Mittag-Leffler conference proceedings*, to appear.
- (51) S. Garcia, J. Mashreghi, W. Ross. Real complex functions. *Proc. conference in honor of J. Esterle*, Bordeaux, to appear.

- (52) J. Mashreghi. Polynomial approximation in analytic function spaces. *CMS Notes*, 47(6):12–13, 2015.
- (53) A. Bourhim, J. Mashreghi. A survey on preservers of spectra and local spectra. *Invariant subspaces of the shift operator*, *Contemp. Math.*, 638:45–98, 2015.
- (54) E. Fricain, J. Mashreghi. Integral representations of the derivatives in $\mathcal{H}(b)$ spaces. *Invariant subspaces of the shift operator*, *Contemp. Math.*, 638:137–178, 2015.
- (55) E. Fricain, J. Mashreghi, D. Seco. Cyclicity in non-extreme de Branges-Rovnyak spaces. *Invariant subspaces of the shift operator*, *Contemp. Math.*, 638:131–136, 2015.
- (56) J. Mashreghi. Blaschke products as solutions of a functional equation. *Blaschke products and their applications*, *Fields Inst. Commun.*, Springer, New York, 65:113–118, 2013.
- (57) J. Mashreghi. On a family of outer functions. *Complex Analysis and Potential Theory*, CRM Proc. Lecture Notes, Amer. Math. Soc., Providence, RI, 55:193–199, 2012.
- (58) O. El-Fallah, K. Kellay, J. Mashreghi, T. Ransford. A self-contained proof of the strong-type capacity inequality for the Dirichlet space. *Complex Analysis and Potential Theory*, CRM Proc. Lecture Notes, Amer. Math. Soc., Providence, RI, 55:1–20, 2012.
- (59) J. Mashreghi, T. Ransford and M. Shabankhah. Argument of the zero sets in the Dirichlet space. *Hilbert Spaces of Analytic Functions*, CRM Proc. Lecture Notes, Amer. Math. Soc., Providence, RI, 51:143–148, 2010.
- (60) J. Mashreghi. A formula for the logarithmic derivative and its applications. *Hilbert Spaces of Analytic Functions*, CRM Proc. Lecture Notes, Amer. Math. Soc., Providence, RI, 51:197–201, 2010.
- (61) J. Mashreghi, T. Ransford Using entire functions to analyse power growth. *Banach Algebras and Their Applications*, *Contemp. Math.*, 363:235–240, 2004.
- (62) J. Mashreghi. On the convexity of the mean value of a subharmonic function on annular domains. *Int. Math. J.*, 2(4):373–377, 2002.
- (63) J. Mashreghi. Extending functions in the model subspaces of $H^2(\mathbb{R})$ to \mathbb{C} . *Bull. Iranian Math. Soc.*, 28(1):43–55, 2002.
- (64) J. Mashreghi, Z. Mashreghi. On the closed form of power series. *Crux Math.*, 27:436–439, 2001.
- (65) J. Mashreghi. Improper integrals. *Crux Math.*, 27:188–190, 2001.
- (66) J. Mashreghi. Stability of functions with absolutely convergent Fourier sums subject to a holomorphic composition. *Far East J. Math. Sci.*, Special Volume for Functional Analysis and its Applications, Part I, 109–127, 2001.

Proceedings

- (67) E. Fricain, J. Mashreghi, W. Ross. *Invariant Subspaces of the Shift Operator*. Proceedings of the CRM Workshop held at the University of Montreal, QC, August 26–30, 2013. Contemporary Mathematics, 638. CRM Proceedings. American Mathematical Society, Providence, RI, viii+317 pp., 2015
- (68) E. Fricain, J. Mashreghi. *Blaschke products and Their Applications*. Proceedings of the conference held at the University of Toronto, Toronto, ON, July 25–29, 2011. Fields Institute Communications, 65. Springer, New York, x+319 pp., 2013.
- (69) A. Boivin, J. Mashreghi. *Complex Analysis and Potential Theory*. Proceedings of the International Conference held in the University of Montreal, QC, June 20–23, 2011, in honor of P. Gauthier and K. Gowrisankarran. CRM Proceedings & Lecture Notes, 55. American Mathematical Society, Providence, RI, xii+329 pp., 2012.
- (70) J. Mashreghi, T. Ransford, K. Seip. *Hilbert Spaces of Analytic Functions*. Papers from the workshop held in the University of Montreal, QC, December 8–12, 2008. CRM Proceedings & Lecture Notes, 51. American Mathematical Society, Providence, RI, xii+214 pp., 2010.

Monographs

- (71) J. Mashreghi. *Amissible Majorants*. CRM monographs, to appear.
- (72) J. Mashreghi. *Derivatives of Inner Functions*. Fields Institute Monographs 31, Springer, New York, x+169 pp., 2013.

Books

- (73) S. Garcia, J. Mashreghi, W. Ross. *Introduction to Model Spaces and their Operators*. Cambridge Studies in Advanced Mathematics, Cambridge University Press, Cambridge, xii+332 pp., 2016.
- (74) E. Fricain, J. Mashreghi. *Theory of $\mathcal{H}(b)$ Spaces*, Volume II. New Monographs in Mathematics 21, Cambridge University Press, Cambridge, xv+690 pp., 2015.
- (75) E. Fricain, J. Mashreghi. *Theory of $\mathcal{H}(b)$ Spaces*, Volume I. New Monographs in Mathematics 20, Cambridge University Press, Cambridge, xv+681 pp., 2015.
- (76) O. El-Fallah, K. Kellay, J. Mashreghi, T. Ransford. *A Primer on the Dirichlet Space*. Cambridge Tracts in Mathematics 203, Cambridge University Press, Cambridge, x+221 pp., 2014.
- (77) J. Mashreghi. *Representation Theorems in Hardy Spaces*. London Mathematical Society Student Text Series 74, Cambridge University Press, Cambridge, xii+372, 2009.
- (78) J. Mashreghi. *Structures algébriques*. Loze-Dion éditeur inc., Montréal, iv+205 pp., 2007.
- (79) J. Mashreghi. *Analyse abstraite*. Loze-Dion éditeur inc., Montréal, ix+296 pp., 2006.