

Toh Tin Lam

Academic Experience:

BSc (Hons) in Mathematics , National University of Singapore, 1993;
MSc in Mathematics, National University of Singapore, 1997;
PhD in Mathematics, National University of Singapore, 2001;
PGDE, Nanyang Technolgoical University, 1994.

Employment History:

1995 – 1996: Mathematics Teacher in a Singapore Junior College
1996 – 1999: Subject Head of Mathematics in a Singapore Junior College
2000 – 2001: Head of Mathematics Department in a Singapore Junior College
2001: Lecturer, National Institute of Education
2001 – 2009: Assistant Professor, National Institute of Education
2009 – : Associate Professor, National Institute of Education (In 2005, took up the appointment of Deputy Head, Mathematics & Mathematics Education Academic Group, National Institute of Education)

Members of Professional Organizations:

2005 – : Exco member of the Singapore Association of Mathematics Educators (AME)
2010 – 2014: President, Association of Mathematics Educators (AME)
2005 – 2014 : Exco member, Singapore Mathematical Society (SMS)
2015 – 2016: Editor of Mathematical Medley, a Publication of the Singapore Mathematical Society (SMS)

Research Projects Undertaken:

1. Title of Project: Social Climate and mathematical self-concept among secondary school students
Period: 2002 – 2005 (completed on time) Role: Participant
Amount of Grant: \$20,000
Principal Investigator: Elena Lui Hah Wah
2. Title of Project: International Comparative Study on Mathematics Teacher Education Program
Period: 2007 – 2009 Role: Co-Principal Investigator
Amount of Grant: 8,000 British Pound
Principal Investigator: Berinderjeet Kaur
3. Title of Project: M-ProSE (OER project)
Period: 2009 – 2011 Role: Principal Investigator
Amount of Grant: \$249,000
4. Title of Project: MProSE: Infusion and Diffusion or MInD (OER Project)
Period: 2012 – 2015 Role: Principal Investigator
Amount of Grant: \$640,000
5. Title of Project: MATHematics Is Great: I Can And Like or MAGICAL (OER Project)
Period: 2014 – 2016 Role: Principal Investigator
Amount of Grant: \$99,990
6. Title of Project: Henstock approach to Stochastic Integral – An Innovative Approach (NTU AcRF Funding)
Period: 2014 – 2016 Role: Principal Investigator
Amount of Grant: \$20,000

Courses Taught

Undergraduate Mathematics Content Courses

- | | | |
|------------|--------------------------------------|----------------------|
| 1. BAM321 | Modelling and Differential Equations | Year 3 Undergraduate |
| 2. AAM 331 | Differential Equations I | Year 3 Undergraduate |
| 3. CAM332 | Real Analysis I | Year 3 Undergraduate |
| 4. CAM201 | Calculus II | Year 2 Undergraduate |

Postgraduate Mathematics Content Course

- | | |
|-----------|----------------------------------|
| 1. MSM825 | Theory of Differential Equations |
| 2. MSM801 | Special Topics in Analysis |

Pre-Service Teacher Education

- | | |
|-----------|---|
| 1. CCM201 | Teaching and Learning of Primary School Math |
| 2. QCM520 | Teaching and Learning of Secondary School Math I |
| 3. QCM521 | Teaching and Learning of Secondary School Math II |
| 4. QCM540 | Teaching and Learning of A-Level Mathematics |

In-Service Teacher Education

1. Teaching of Relative Velocity in Additional Mathematics
2. Teaching of Permutation and Combination in Additional Mathematics
3. Teaching of Calculus in Additional Mathematics
4. Calculus Content Course in Additional Mathematics
5. Teaching of Algebra in Elementary Mathematics
6. Teaching of Algebra in Additional Mathematics
7. Additional mathematics Algebra content course

Overseas Courses that I have taught

1. Indonesia Samporna Foundation: Professional development of Mathematics teachers
2. Bahrain: Development of mathematics education course material for mathematics educators
3. Cambodia: Introduction to the Singapore Mathematics Education system to Ministry of Education personnel
4. Indonesia: Introduction to the Singapore Mathematics Education system to Ministry of Education personnel
5. Jamaica: Professional Development of Mathematics Educators

LIST OF PUBLICATIONS

Journal Articles (i) Refereed

1. Yang, H., Toh, T.L. (In-press). On Henstock-Kurzweil Method to Stratonovich Integral. *Mathematical Bohemica*, 1, 1-12.
2. Toh, P. C., Leong Y. H., Toh, T. L., Dindyal, J., Quek, K. S., Tay, E. G., & Ho, F. H. (2014). The problem-solving approach in the teaching of number theory. *International Journal of Mathematical Education in Science and Technology*, 45(2), 241-255.
3. Toh, T.L. (2014). Mathematics in Context: The Future of Mathematics Education. *Journal of Japan Society of Mathematical Education*, 96(3), 14-20.
4. Toh, T.L., Lui H.W. E. (2014). Helping Normal Technical Students with Learning Mathematics - A Preliminary Survey. *Learning Science and Mathematics Online Journal*, 2014(1), 1-10.
5. Toh, T.L., Tay, E.G., Quek, K.S., Leong, Y.H., Toh, P.C., Ho, F.H., Dindyal, J. (2014). Teaching Problem Solving in Secondary School Mathematics Classrooms. *Journal of Science and Mathematics Education in Southeast Asia*, 37(1), 21 - 43, 0.1.
6. Yang, H., Toh, T.L. (2014). On Henstock Method to Stratonovich Integral with respect to Continuous Semimartingale. *International Journal of Stochastic Analysis*, 2014(ID534864), 1 - 7.

7. Tan, S.H., Toh, T.L. (2013). On the teaching of the representation of complex numbers in an Argand Diagram. *Learning Science and Mathematics Online Journal*, 8(1), 75-86.
8. Toh, T.L., Kaur, B., Koay, P.L. (2013). Singapore Pre-service Secondary Mathematics Teachers' Content Knowledge: Findings from an International Comparative Study. *International Journal of Mathematics Teaching and Learning*, 2013(2), 1-22.
9. Toh, T.L., Quek, K.S., Tay, E.G., Leong, Y.H., Toh, P.C., Ho, F.H., Dindyal, J. (2013). Infusing Problem Solving into Mathematics Content Course for Pre-service Secondary School Mathematics Teachers. *The Mathematics Educator*, 15(1), 98 - 120.
10. Dindyal, J., Tay, E. G., Toh, T. L., Leong, Y. H., & Quek, K. S. (2012). Mathematical Problem Solving for Everyone: A New Beginning. *The Mathematics Educator*, 13, 51-70.
11. Leong, Y.H., Toh, T.L., Tay, E.G., Quek, K.S., & Dindyal, J. (2012). Relooking "Look Back": A student's attempt at problem solving using Polya's model. *International Journal of Mathematical Education in Science and Technology*, 43(3), 357-369.
12. Tan, S.B., Toh, T.L. (2012). The Ito-Henstock Stochastic Differential Equations. *Real Analysis Exchange*, 37(2), 1-14.
13. Toh, T.L., Chew, T.S. (2012). The Kurzweil-Henstock Theory of Stochastic Integraion. *Czech Mathematical Journal*, 32, 1 - 20.
14. Leong, Y.H., Dindyal, J., Toh, T.L. Quek, K.S., Tay, E.G., & Lou, S.T. (2011). Teacher education for a problem-solving curriculum in Singapore. *ZDM: The International Journal on Mathematics Education*, 43(6-7), 819-831.
15. Leong, Y.H., Tay, E.G., Toh, T.L., Quek, K.S., & Dindyal, J. (2011). Reviving Polya's "look Back" in a Singapore school. *Journal of Mathematical Behavior*, 30(3), 181-193.
16. Quek, K. S., Dindyal, J., Toh, T. L., Leong, Y. H., & Tay, E. G. (2011). Problem Solving for Everyone: A design experiment. *Journal of the Korea Society of Mathematical Education Series D: Research in Mathematical Education*, 15(1), 31-44.
17. Tay, E.G., Quek, K.S., Dindyal, J., Leong, Y.H., & Toh, T.L. (2011). Teachers solving mathematics problems: Lessons from their learning journeys. *Journal of the Korean Society of Mathematical Education Series D: Research in Mathematical Education*, 15(2), 159-179
18. Toh T.L., Chew T.S. (2010). Henstock's Approach to Ito Formula. *Real Analysis Exchange*, 35(2), 1 - 15.
19. Ng, K.Y., Toh T.L. (2008). Pre-University students' errors in integration of rational functions and implications for classroom teaching. *Journal of Science and Mathematics Education in Southeast Asia*, 31(1), 1 - 20.
20. Toh T.L. (2007). An algebra content upgrading course for in-service mathematics teachers: a Singapore experience. *International Journal of Mathematics Education in Science and Technology*, 38(4), 489 - 500.
21. Toh, T.L. (2007). Contextual approach in teaching mathematics: an example using the sum of series of positive integers. *International Journal of Mathematical Education in Science and Technology*, 38(2), 273-282.
22. Toh, T.L. (2007). On in-service teachers' workshop on mathematical problem solving through activity-based learning. *Journal of Science and Mathematics Education in Southeast Asia*, 30(2), 73-89.
23. Toh, T.L., Chua, B.L., Yap, S.F. (2007). School Mathematics Mastery Test and Preservice Mathematics Teachers' Mathematics Content Knowledge. *The Mathematics Educator*, 10(2), 85-102.
24. Toh T.L. (2006). Mathematical Reasoning from O-Level to A-Level. *Mathematical Medley*, 33(2), 34 - 40.
25. Toh, T.L. (2006). A survey on the teaching of relative velocity and pupils' learning difficulties. *Asia-Pacific Forum on Science Learning and Teaching*, 7(2), online journal.
26. Toh T.L., Chew T.S. (2005). On Belated Differentiation and a Characterization

- of Henstock-Kurzweil-Ito Integrable Processes. *Mathematica Bohemica*, 130, 63-73.
27. Toh T.L., Chew T.S. (2005). On Henstock's Multiple Wiener Integral and Henstock's Version of Hu-Meyer Theorem. *Journal of Mathematical and Computer Modeling*, 42, 139-149.
 28. Toh T.L., Chew T.S. (2005). On Ito-Kurzweil-Henstock integral and integration-by-part formula. *Czechoslovak Mathematical Journal*, 55(103), 653-663.
 29. Toh T.L., Chew T.S. (2005). ON Henstock-Fubini's Theorem for Multiple Stochastic Integral. *Real Analysis Exchange*, 30, 295-310.
 30. Toh, T.L. (2005). On in-service mathematics teachers' content knowledge on kinematics. *Asia-Pacific Forum on Science Learning and Teaching*, 6(2), Online.
 31. Tay E.G., Toh T.L., Dong F.M., Lee T.Y. (2004). The Convergence of a Linear Recursive Sequence. *International Journal of Mathematics Education in Science and Technology*, 35(1), 51-63.
 32. Toh T.L. (2004). On Application of Vectors to Relative Velocity. *International Journal of Mathematics Education in Science and Technology*, 35(6), 906-911.
 33. Toh T.L., Chew T.S. (2004). The Riemann approach to Multiple Wiener Integral. *Real Analysis Exchange*, 29(1), 275-289.
 34. Toh T.L. (2003). On Using Geometer's Sketchpad to Teach Relative Velocity. *Asia-Pacific Forum on Science Learning and Teaching*, 4(2), Online
 35. Toh T.L. (2002). On Teaching Binomial Series: More Meaning and Less Drill. *International Journal of Mathematics Education in Science and Technology* 34(1), 115 - 121.
 36. Toh T.L. (2002). What is spoken in a Junior College Mathematics Lecture? *Mathematics Educator*, 6(2), 113-119.
 37. Toh T.L., Chew T.S. (2002). The Riemann Approach to Stochastic Integration using Non-Uniform Meshes. *Mathematical Analysis and Applications* 280, 133 - 147.
 38. Toh T.L., Chew T.S. & Tay J.Y. (2002). The Non-Uniform Riemann Approach to Ito's Integral. *Real Analysis Exchange*, 27(2), 495-514.

Local Professional Journal Articles

1. Toh T.L. (2009). Teaching of calculus in Singapore secondary schools. *Mathematical Medley*, 35(1), 16 – 23.
2. Dong F.M., Lee T.Y., Leong Y.H., Tay E.G., Toh T.L., E. Wood (2004). Generalization of a geometric problem. *Mathematical Medley*, 31(1), 24 – 29.
3. Lee, T.Y., Tay, E.G., Toh, T.L., Dong, F.M. (2003). Multi-solutions of a Geometry problem. *Math. Medley*, 30(1), 43-53.

Chapters of Books

1. Toh T.L. (2010). Designing mathematical investigative tasks for secondary mathematics classrooms. MAV Yearbook 2010.
2. Toh T.L. (2009). Use of cartoons and comics to teach algebra in mathematics classroom. MAV Yearbook 2009.
2. Toh T.L. (2009). Arousing students' curiosity and mathematical problem solving. In Kaur, B., Yeap B.H.(Ed), *AME Yearbook 2008* (pp. 163 – 183). Singapore: World-Scientific.
3. Lui H.W., Toh T.L., Chung S.P. (2008). Positive Social Climate and Cooperative Learning in Mathematics Classrooms. In Wong K.Y., Lee P.Y., Kaur B., Foong P.Y., Ng S.F. (Eds), *Mathematics Education: The Singapore Journey* (pp. 337 – 356). Singapore: World-Scientific.
4. Toh, T.L., Quek, K.S., Tay, E.G. (2008). Mathematical Problem Solving - A New Paradigm. In Vincent, J., Pierce, R., Dowsey, J. (Ed.), *ConnectEd Maths* (pp. 356 - 365). Melbourne: The Mathematical Association of Victoria.
5. Toh T.L. (2007). Teaching of Vectors. In Lee P.Y. (Ed.), *Teaching Secondary School Mathematics: A Resource Book* (pp. 261 - 272). Singapore: National Institute of Education.

Conference Papers published in proceedings

1. Dindyal, J., Toh T.L., Quek K.S., Leong Y.H., Tay E.G. (2009). Reconceptualizing Problem solving in the school curriculum. In Hunter, R., Bicknell B., Burgess, T. (Eds) *MERGA 32 Conference Proceedings* (pp 681 – 685). Wellington: Massey University.
2. Leong Y.H., Toh T.L., Quek K.S., Dindyal, J., Tay E.G. (2009). Preparation for a problem solving curriculum. In Hunter, R., Bicknell B., Burgess, T. (Eds) *MERGA 32 Conference Proceedings* (pp 691 – 694). Wellington: Massey University.
3. Toh T.L., Quek K.S., Leong Y.H., Dindyal, J., Tay E.G. (2009). Assessment in a problem solving curriculum. In Hunter, R., Bicknell B., Burgess, T. (Eds) *MERGA 32 Conference Proceedings* (pp 686 – 690). Wellington: Massey University.
4. Quek K. S., Tay E. G., Choy B. H., Dong F., Toh T. L., Ho F. H. (2007). Mathematical Problem Solving for Integrated Programme Students: Beliefs and performance in non-routine problems. In Lim, C. S., Fatimah, S., Munirah, G., Hajar, S., Hashimah, M. Y., Gan, W. L., Hwa, T. Y. (Ed.) *Proceedings EARCOME 4 2007: Meeting the Challenges of Developing a Quality Mathematics Education Culture* (pp. 492-497). Penang: School of Educational Studies, Universiti Sains Malaysia.
5. Tay, E. G., Quek, K. S., Dong F., Toh T. L., Ho F. H. (2007). Mathematical Problem Solving for Integrated Programme Students: The Practical Paradigm. In Lim, C. S., Fatimah, S., Munirah, G., Hajar, S., Hashimah, M. Y., Gan, W. L., Hwa, T. Y. (Ed.) *Proceedings EARCOME 4 2007: Meeting the Challenges of Developing a Quality Mathematics Education Culture* (pp. 463-470). Penang: School of Educational Studies, Universiti Sains Malaysia.
6. Toh, T.L. (2007). On private tuition teachers' perception on issues related to teaching mathematics. In Cheah U.H., Wahyudi Y., Devadason R.P., Ng K.T., Chavez J.A., Mangao D.D. (Ed.) *Proceedings of COSMED 2007* (pp. 365 - 373). Penang: SEAMEO RECSAM.
7. Toh, T.L. (2007). On in-service teachers' perception of some questions on permutation and combination. In Lim, C.S., Fatimah S., Munirah G., Hajar S., Hashimah M.Y., Gan W.L., Hwa T.Y. (Ed.) *Proceedings of EARCOME 2007* (pp. 533 - 540). Penang: Universiti Sains Malaysia.
8. Lui, H. W. E., Liu, W. C., Lim, K. M., & Toh, T. L. (2005). Positive social climate for enhancing students' Mathematics self-concept: research findings. In NA (Ed.) *Conference of the Centre for Research, Pedagogy and Practice*. Singapore: National Institute of Education.
9. Toh T.L. (2005). On Henstock's version of Multiple Stochastic Integral. In NA (Ed.) *Asian Mathematics Conference 2005*. Singapore: National University of Singapore.
10. Toh T.L. (2004). Use of Geometer's Sketchpad to teach Mechanics Concepts in Advanced Level Mathematics. In Yang W.C., Chu S.C., Alwis, T., Ang K.C. (Eds.) *Proceedings of the 9th Asian Technology Conference in Mathematics 2004* (pp. 429 - 436). Singapore: National Institute of Education.
11. Lui, H.W.E., Liu W. C., Lim K. M. & Toh T. L. (2003). Students' Math Self-Concept and Correlates: Some preliminary findings. In NA (Ed.) *ERAS Conference "Research in and on the Classroom"* (pp. 405 - 413). Singapore: National Institute of Education.
12. Chew T.S. & Toh T.L. (2002). The Non-uniform Riemann Approach to Stochastic Integration with respect to L₂-martingales. In Ganguly, D.K., Adhikari, M.R., Dutta, T.K. (Eds.) *Proceedings of the International Symposium on Mathematics and Its Applications (ISMA 2002)* (pp. 9-23). Calcutta: University of Calcutta.
13. Dong F.M., Lee T.Y., Tay E.G. & Toh T.L. (2002). Performance of Singapore Junior College Students on Some nonroutine Problem. In Douglas Edge and Yeap Ban Har (Ed.) *EARCOME, 2002* (pp. 71-77). Singapore: National Institute of Education.

Conference Papers (Abstracts only)

1. Dindyal, J., Toh T.L., Quek K.S., Leong Y.H., Tay E.G. (2009, June). *Devising a problem solving curriculum*. Paper presented at Redesigning pedagogy international conference 2009, Singapore.
2. Leong Y.H., Quek K.S., Toh T.L., Dindyal J. Tay E.G. (2009, June). *Teacher preparation for the problem solving curriculum*. Paper presented at Redesigning pedagogy international conference 2009, Singapore.
3. Quek K.S., Toh T.L., Leong Y.H., Dindyal J., Tay E.G. (2009, June). *Assessment in the problem solving curriculum*. Paper presented at Redesigning pedagogy international conference 2009, Singapore.
4. Toh T.L. (2009, July). *On Henstock-Ito integral and convergence theorems*. Paper presented at Stochastic Process and Applications, Berlin, Germany.
5. Quek, K. S., Toh T. L., Boey, K. L., Tay E. G. & Dong F. M. (2008, July). *Teaching of Discrete Mathematics at Advanced Level in Singapore : Teachers' Perspectives*. Paper presented at 11th International Congress on Mathematical Education, Monterrey.
6. Toh, T.L. (2008, May). *Use of Information Technology in the Singapore Mathematics Classroom - What Works and What Doesn't*. Paper presented at Second International Conference on 21st Century Information Technology in Mathematics Education, Bangkok.
7. Toh, T.L. (2008, May). *Arousing Students' Curiosity and Mathematical Problem Solving*. Paper presented at Mathematics Teachers' Conference 2008, Singapore.
8. Toh, T.L. (2008, December). *Mathematical Problem Solving - A New Paradigm*. Paper presented at MAV Annual Conference, Melbourne.
9. Toh, T.L. (2008, July). *Teaching of H2 Permutation and Combination: Use of Deep Thinking in Teaching Permutation and Combination*. Paper presented at Educational Methodology Conference 2008 (organized by Jurong Junior College for West Zone Schools), Singapore.
10. Toh, T.L., Kaur, B., Koay, P.L. (2008, November). *Prospective secondary mathematics teachers' content knowledge at the beginning of their pre-service programme of study*. Paper presented at APERA Conference, Singapore.
11. Koay, P.L., Kaur, B., Toh, T.L. (2008, November). *Prospective primary mathematics teachers' content knowledge at the beginning of their pre-service programme of study*. Paper presented at APERA Conference, Singapore.
12. Kaur, B., Toh, T.L., Koay, P.L. (2008, November). *Attitudes of prospective secondary school mathematics teachers*. Paper presented at APERA Conference, Singapore.
13. Tay E. G., Quek K. S., Dong F., Lee T. Y., Lim-Teo S. K., Toh T. L., & Ho F. H. (2006, May). *Mathematical Problem Solving for Integrated Programme Students*. Paper presented at ERAS Conference 2006 Diversity for Excellence: Engaged Pedagogy, Singapore.
14. Toh, T.L. (2006, July). *Stochastic Differential Equations and Henstock's version of Stochastic Integral*. Paper presented at Conference on Stochastic Processes and Applications, Paris.
15. Toh, T.L. (2006, May). *Mathematical Reasoning from O-Levels to A-Levels*. Paper presented at Mathematics Teachers' Conference 2006, Singapore.
16. Toh T.L. (2004, January). *Henstock approach to Multiple Wiener Integral*. Paper presented at Symposium on Latest Advances in the Theory of Integration,
17. Toh T.L. & Chew T.S. (2002, January). *On Ito-Henstock Integral and the Integration-by-Parts Formula*. Paper presented at 28th Conference on Stochastic Processes and Applications, Melbourne.

Books on Mathematics Teacher Education

1. Toh, T.L. (2010). *Differential Equations: An introduction with applications*. Singapore: Pearson-Prentice Hall.
2. Toh, T.L. (2009). *Mathematics Teachers' Content Knowledge*. Singapore: Pearson-Prentice Hall.

3. Toh, T. L., Quek, K. S. & Tay, E. G. (2008). *Problem Solving in the Mathematics Classroom (Junior College)*. Singapore: National Institute of Education & Association of Mathematics Educators.
4. Toh, T.L. (2008). *Calculus for Secondary School Teachers (Second Edition)*. Singapore: McGraw-Hill (Asia).
5. Toh T.L. (2007). *Calculus for Secondary School Teachers*. Singapore: McGraw-Hill.
6. Toh, T.L. (2006). *Algebra Resources for Secondary School Teachers*. Singapore: McGraw-Hill.
7. Toh T.L. (2005). *Useful Mathematics for Secondary School Teachers*. Singapore: McGraw-Hill Education (Asia).
8. Toh T.L. (2004). *Teaching of Vectors and Relative Velocity*. Singapore: McGraw-Hill Education (Asia).

Mathematics Newsletter Articles for School Mathematics Teachers

1. Chen, W., Toh, T.L. (2008, October). *On relationships between volume and surface area, area and perimeter: arousing students' curiosity in the world of mathematics*. *MathsBuzz*, October, 2008, 3.
2. Toh, T.L. (2007, October). *Some issues on teaching mathematics concepts at the A-Levels* *MathsBuzz*, October 2007, 3.
3. Toh, T.L. (2006, October). *On Division Algorithm and Remainder and Factor Theorem* *MathsBuzz*, October 2006, 3.
4. Toh, T.L. (2006, May). *Some issues on teaching of Partial Fractions*, *MathsBuzz*, May 2006, 3.
5. Toh, T.L. (2005, October). *Distinguishable and indistinguishable objects: from combinatorics to probability*, *MathsBuzz*, October 2005, 3.
6. Toh, T.L. (2004, October). *On Teaching of Vectors and Relative Velocity*, *MathsBuzz*, October 2004, 3.
7. Toh, T.L. (2004, May). *On the teaching of Permutation & Combination*, *MathsBuzz*, May 2004, 3.

School Textbooks / Resources for Students

1. Poh K.S., Tay T.S., Toh T.L., Yang Y. (2007). *Singapore Mathematics Olympiad 2007*. Singapore: Singapore Mathematical Society.
2. Toh T.L., Xiao T. (2007). *Mathematics Matters for Normal (Technical) Sec 2*. Singapore: EPB.
3. Toh T.L., Xiao T. (2007). *Mathematics Matters for Normal (Technical), Sec 4*. Singapore: EPB.
4. Toh T.L., Lim Y.C., Chua J., Heng J. (2006). *Mathematics Matters for Normal (Technical) Sec 1*. Singapore: EPB.
5. Toh T.L., Lim Y.C., Chua J., Heng J. (2006). *Mathematics Matters for Normal (Technical) for Sec 3*. Singapore: EPB.
6. Fan Lianghuo, Cheang Wai Kwong, Dong Feng Ming, Leong Yew Hoong, Lim-Teo Suat Khoh, Ng Wee Leng, Quek Khiok Seng, Tang Wee Kee, Tay Eng Guan, Teo Kok Ming, Toh Tin Lam, Yap Sook Fwe, Yeap Ban Har, Zhao Dong Sheng (2008). *New Express Mathematics 4*. Singapore: Multimedia Communications.
7. Fan Lianghuo, Cheang Wai Kwong, Dong Feng Ming, Leong Yew Hoong, Lim-Teo Suat Khoh, Ng Wee Leng, Quek Khiok Seng, Tang Wee Kee, Tay Eng Guan, Teo Kok Ming, Toh Tin Lam, Yap Sook Fwe, Yeap Ban Har, Zhao Dong Sheng (2008). *New Express Mathematics 2*. Singapore: Multimedia Communications.
8. Fan Lianghuo, Cheang Wai Kwong, Dong Feng Ming, Leong Yew Hoong, Lim-Teo Suat Khoh, Ng Wee Leng, Quek Khiok Seng, Tang Wee Kee, Tay Eng Guan, Teo Kok Ming, Toh Tin Lam, Yap Sook Fwe, Yeap Ban Har, Zhao Dong Sheng (2007). *New Express Mathematics 3*. Singapore: Multimedia Communications.
9. Fan Lianghuo, Cheang Wai Kwong, Dong Feng Ming, Leong Yew Hoong, Lim-Teo Suat Khoh, Ng Wee Leng, Quek Khiok Seng, Tang Wee Kee, Tay Eng Guan, Teo Kok Ming, Toh Tin Lam, Yap Sook Fwe, Yeap Ban Har, Zhao Dong Sheng (2007). *New Express Mathematics 1*. Singapore:

Multimedia Communications.