

LIST OF PUBLICATIONS

Books in international publishers

1. I. Graham, **G. Kohr**, *Geometric Function Theory in One and Higher Dimensions*, Marcel Dekker Inc., New York, Basel, 2003, 530 pp.
ISBN 0-8247-0976-4.

Books in Romanian publishers

1. **G. Kohr**, *Basic Topics in Holomorphic Functions of Several Complex Variables*, Cluj University Press, 2003, 195 pp.
ISBN 973-610-223-8
2. **G. Kohr**, P. Liczberski, *Univalent Mappings of Several Complex Variables*, Cluj University Press, 1998, 334 pp.
ISBN 973-9354-29-7.

Textbooks

1. **G. Kohr**, P.T. Mocanu, *Special Chapters of Complex Analysis*, Cluj University Press, 2005, 267 pp. (in Romanian)
ISBN 973-610-387-0.

Relevant scientific papers (selective list)

ISI publications

1. I. Graham, H. Hamada, **G. Kohr**, M. Kohr, *g -Loewner chains, Bloch functions and extension operators into the family of locally biholomorphic mappings in infinite dimensional spaces*, [Stud. Univ. Babeş-Bolyai Math.](#), 67 (2022), No. 2, to appear.
2. H. Hamada, **G. Kohr**, M. Kohr, *The Fekete-Szegő problem for starlike mappings and nonlinear resolvents of the Carathéodory family on the unit balls of complex Banach spaces*, [Analysis and Mathematical Physics](#), 2021, **11:115** (2021), 1–22.
3. H. Hamada, **G. Kohr**, *A rigidity theorem at the boundary for holomorphic mappings with values in finite dimensional bounded symmetric domains*, [Mathematische Nachrichten](#), 294 (2021), 2151–2159.
4. H. Hamada, M. Iancu, **G. Kohr**, *A survey on Loewner chains and related problems for bounded balanced pseudoconvex domains in \mathbb{C}^n* , [Mathematical Reports](#), 23 (73) (2021), 55–73.
5. H. Hamada, M. Iancu, **G. Kohr**, *A survey on Loewner chains, approximation results, and related problems for univalent mappings on the unit ball in \mathbb{C}^n* , [Rev. Roumaine Math. Pures Appl.](#), 66 (2021), 709–723.
6. I. Graham, H. Hamada, **G. Kohr**, *Loewner chains and nonlinear resolvents of the Carathéodory family on the unit ball in \mathbb{C}^n* , [J. Math. Anal. Appl.](#), 491 (2020), 124289.
7. H. Hamada, **G. Kohr**, *Support points for families of univalent mappings on bounded symmetric domains*, [Science China Math.](#), 63 (2020), 2379–2398; <https://doi.org/10.1007/s11425-019-1632-1>.

8. H. Hamada, M. Iancu, **G. Kohr**, *Spiralshapelike mappings in several complex variables*, [Annali di Matematica Pura ed Applicata](#), 199 (2020), 2181–2195; <https://doi.org/10.1007/s10231-020-00963-w>.
9. I. Graham, H. Hamada, **G. Kohr**, *A Schwarz lemma at the boundary on complex Hilbert balls and applications to starlike mappings*, [J. Analyse Math.](#), 140 (2020), 31–53.
10. I. Graham, H. Hamada, **G. Kohr**, M. Kohr, *g -Loewner chains, Bloch functions and extension operators in complex Banach spaces*, [Analysis and Mathematical Physics](#), 10:5 (2020), 28 pp. doi.org/10.1007/s13324-019-00352-4.
11. I. Graham, H. Hamada, **G. Kohr**, *Loewner chains, Bloch mappings and Pfaltzgraff-Suffridge extension operators on bounded symmetric domains*, [Complex Variables and Elliptic Equations](#), 65 (2020), 57–73
12. H. Hamada, **G. Kohr**, *A boundary Schwarz lemma for mappings from the unit polydisc to irreducible bounded symmetric domains*, [Mathematische Nachrichten](#), 293 (2020), 1345–1351.
13. C.H. Chu, H. Hamada, T. Honda, **G. Kohr**, *Bloch space of a bounded symmetric domain and composition operators*, [Complex Analysis and Operator Theory](#), 13 (2019), 479–492.
14. H. Hamada, M. Iancu, **G. Kohr**, *Approximation of univalent mappings by automorphisms and quasiconformal diffeomorphisms in \mathbb{C}^n* , [J. Approx. Theory](#), 240 (2019), 129–144.
15. H. Hamada, **G. Kohr**, *α -Bloch mappings on bounded symmetric domains in \mathbb{C}^n* , [Complex Analysis and Operator Theory](#), 12 (2018), 509–527.
16. H. Hamada, M. Iancu, **G. Kohr**, S. Schleissinger, *Approximation properties of univalent mappings on the unit ball in \mathbb{C}^n* , [J. Approx. Theory](#), 226 (2018), 14–33.
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18. C.H. Chu, H. Hamada, T. Honda, **G. Kohr**, *Bloch functions on bounded symmetric domains*, [J. Functional Anal.](#), 272 (2017), 2412–2441.
19. F. Bracci, I. Graham, H. Hamada, **G. Kohr**, *Variation of Loewner chains, extreme and support points in the class S^0 in higher dimensions*, [Constructive Approx.](#), 43 (2016), 231–251.
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21. C.H. Chu, H. Hamada, T. Honda, **G. Kohr**, *Distortion of locally biholomorphic Bloch mappings on bounded symmetric domains*, [J. Math. Anal. Appl.](#), 441 (2016), 830–843.
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24. H. Hamada, **G. Kohr**, *Pluriharmonic mappings in \mathbb{C}^n and complex Banach spaces*, [J. Math. Anal. Appl.](#), 426 (2015), 635–658.
25. I. Graham, H. Hamada, **G. Kohr**, M. Kohr, *Extremal properties associated with univalent subordination chains in \mathbb{C}^n* , [Mathematische Annalen](#), 359 (2014), 61–99.
26. M. Chuaqui, H. Hamada, R. Hernández, **G. Kohr**, *Pluriharmonic mappings and linearly connected domains in \mathbb{C}^n* , [Israel J. Math.](#), 200 (2014), 489–506.

27. I. Graham, H. Hamada, T. Honda, **G. Kohr**, K.H. Shon, *Growth, distortion and coefficient bounds for Carathéodory families in \mathbb{C}^n and complex Banach spaces*, [J. Math. Anal. Appl.](#), 416 (2014), 449–469.
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29. I. Graham, H. Hamada, **G. Kohr**, M. Kohr, *Asymptotically spirallike mappings in reflexive complex Banach spaces*, [Complex Analysis and Operator Theory](#), 7 (2013), 1909–1927.
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38. H. Hamada, T. Honda, **G. Kohr**, *Linear invariance of locally biholomorphic mappings in the unit ball of a JB^* -triple*, [J. Math. Anal. Appl.](#), 385 (2012), 326–339.
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42. C.H. Chu, H. Hamada, T. Honda, **G. Kohr**, *Distortion theorems for convex mappings on homogeneous balls*, [J. Math. Anal. Appl.](#), 369 (2010), 437–442.
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52. P. Curt, **G. Kohr**, *Some remarks concerning quasiconformal extensions in several complex variables*, [J. Inequalities Appl.](#), Volume 2008, Article ID 690932, 16 pages.
53. H. Hamada, T. Honda, **G. Kohr**, *Parabolic starlike mappings in several complex variables*, [Manuscripta Math.](#), 123 (2007), 301–324.
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56. I. Graham, H. Hamada, **G. Kohr**, *Radius problems for holomorphic mappings on the unit ball in \mathbb{C}^n* , [Math. Nachr.](#), 279 (2006), 1474–1490.
57. I. Graham, **G. Kohr**, *The Roper-Suffridge extension operator and classes of biholomorphic mappings*, [Science in China Series A-Mathematics](#), 49 (2006), 1539–1552.
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61. H. Hamada, **G. Kohr**, *Simple criteria for strongly starlikeness and starlikeness of certain order*, [Math. Nachr.](#), 254/255 (2003), 165–171.
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Chapters/articles in books/proceedings

1. I. Graham, H. Hamada, **G. Kohr**, *Extremal problems for mappings with g -parametric representation on the unit polydisc in \mathbb{C}^n* . In: *Complex Analysis and Dynamical Systems* (eds. M. Agranovsky et al.), Birkhäuser's series Trends in Mathematics, 2018, 143–169.
2. I. Graham, H. Hamada, **G. Kohr**, M. Kohr, *Loewner chains and extremal problems for mappings with A -parametric representation in \mathbb{C}^n* . In: *Geometric Function Theory in Higher Dimension* (ed. F. Bracci), Springer INdAM Series 26 (2017), 149–166.
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4. I. Graham, H. Hamada, **G. Kohr**, *Extremal problems and g -Loewner chains in \mathbb{C}^n and reflexive complex Banach spaces*. In: [Topics in Mathematical Analysis and Applications](#) (eds. T.M. Rassias and L. Toth), Springer vol. 94 (2014), 387–418.
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8. **G. Kohr**, *Biholomorphic mappings and parametric representation in several complex variables*, In: [Proceedings of 3rd International ISAAC Congress](#), Berlin 2001, World Sci. Publ., 2003, 199–206. ISBN 981-238-572-X.
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Other papers in international journals indexed in data bases (selective list)

1. I. Graham, **G. Kohr**, J.A. Pfaltzgraff, *Growth and two-point distortion for biholomorphic mappings of the ball*, [Complex Variables and Elliptic Equations](#), 52(2007), 211-223.
2. H. Hamada, **G. Kohr**, M. Kohr, *Parametric representation and extension operators for biholomorphic mappings on some Reinhardt domains*, [Complex Variables Theory Appl.](#), 50(2005), 507-519.

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5. P. Curt, **G. Kohr**, *Subordination chains and Loewner differential equations in several complex variables*, Ann. Univ. Mariae-Curie Sklodowska, LVII (2003), 35-43.
6. **G. Kohr**, *Kernel convergence and biholomorphic mappings in several complex variables*, Int. J. Math. Math. Sci., 67(2003), 4229-4239.
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