

Publications of Shoshichi Kobayashi and Related Works

References

- [1] *Holomorphic mappings, diophantine geometry and related topics*. Number 819. Kyoto University, 1993. Conference in honor of S. Kobayashi's 60th birthday.
- [2] Shôshichi Kobayashi. Des groupes linéaires irréductibles et la géométrie différentielle. *Proc. Japan Acad.*, 30(10):934–936, 1954.
- [3] Shôshichi Kobayashi. Espaces à connexion de Cartan complets. *Proc. Japan Acad.*, 30(8):709–710, 1954.
- [4] Shôshichi Kobayashi. Groupe de transformations qui laissent invariante une connexion infinitésimale. *C. R. Acad. Sci. Paris*, 238:644–645, 1954.
- [5] Shôshichi Kobayashi. La connexion des variétés fibrées. I. *C. R. Acad. Sci. Paris*, 238:318–319, 1954.
- [6] Shôshichi Kobayashi. La connexion des variétés fibrées. II. *C. R. Acad. Sci. Paris*, 238:443–444, 1954.
- [7] Shôshichi Kobayashi. Espaces à connexions affines et Riemanniennes symétriques. *Nagoya Math. J.*, 9:25–37, 1955.
- [8] Shôshichi Kobayashi. Le groupe des transformations qui laissent invariant le parallélisme. In Charles Ehresmann, editor, *Colloque de topologie de Strasbourg, années 1954–1955*, page 5. Université de Strasbourg, 1955.
- [9] Shoshichi Kobayashi. A theorem on the affine transformation group of a Riemannian manifold. *Nagoya Math. J.*, 9:39–41, 1955.
- [10] Shôshichi Kobayashi. Une remarque sur a connexion affine symétrique. *Proc. Japan Acad.*, 31(1):14–15, 1955.
- [11] S. Kobajasi. Induced connections and imbedded Riemannian spaces. *Nagoya Math. J.*, 10:15–25, 1956.
- [12] Shoshichi Kobayashi. Holonomy groups of hypersurfaces. *Nagoya Math. J.*, 10:9–14, 1956.

- [13] Shôshichi Kobayashi. On connections of Cartan. *Canad. J. Math.*, 8:145–156, 1956.
- [14] Shoshichi Kobayashi. Principal fibre bundles with the 1-dimensional toroidal group. *Tôhoku Math. J. (2)*, 8(1):29–45, 1956.
- [15] Shoshichi Kobayashi. Canonical connections and Pontrjagin classes. *Nagoya Math. J.*, 11:93–109, 1957.
- [16] Shoshichi Kobayashi. Theory of connections. *Ann. Mat. Pura Appl. (4)*, 43(1):119–194, 1957.
- [17] Shoshichi Kobayashi and Katsumi Nomizu. On automorphisms of a Kählerian structure. *Nagoya Math. J.*, 11:115–124, 1957.
- [18] Shoshichi Kobayashi. Compact homogeneous hypersurfaces. *Trans. Amer. Math. Soc.*, 88:137–143, 1958.
- [19] Shoshichi Kobayashi. Fixed points of isometries. *Nagoya Math. J.*, 13:63–68, 1958.
- [20] Shoshichi Kobayashi. Geometry of bounded domains. *Trans. Amer. Math. Soc.*, 92:267–290, 1959.
- [21] Shoshichi Kobayashi. On the automorphism group of a certain class of algebraic manifolds. *Tôhoku Math. J. (2)*, 11(2):184–190, 1959.
- [22] Shoshichi Kobayashi. Remarks on complex contact manifolds. *Proc. Amer. Math. Soc.*, 10:164–167, 1959.
- [23] Shoshichi Kobayashi. On Bergman metric and holomorphic convexity. *Sûgaku*, 11:154–156, 1959–1960.
- [24] Jun-ichi Hano and Shoshichi Kobayashi. A fibering of a class of homogeneous complex manifolds. *Trans. Amer. Math. Soc.*, 94:233–243, 1960.
- [25] Shoshichi Kobayashi. Canonical forms on frame bundles of higher order contact. In Carl Barnett Allendoerfer, editor, *Differential Geometry*, number 3 in Proceedings of Symposia in Pure Mathematics, pages 186–193. American Mathematical Society, Providence, RI, 1961.
- [26] Shoshichi Kobayashi. Compact Kaehler manifolds with positive Ricci tensor. *Bull. Amer. Math. Soc.*, 67:412–413, 1961.
- [27] Shoshichi Kobayashi. On automorphism groups of homogeneous complex manifolds. *Proc. Amer. Math. Soc.*, 12:359–361, 1961.
- [28] Shoshichi Kobayashi. On characteristic classes defined by connections. *Tôhoku Math. J. (2)*, 13(3):381–385, 1961.
- [29] Shoshichi Kobayashi. On compact Kähler manifolds with positive definite Ricci tensor. *Ann. of Math. (2)*, 74:570–574, 1961.

- [30] Shoshichi Kobayashi. Riemannian manifolds without conjugate points. *Ann. Mat. Pura Appl.* (4), 53(1):149–155, 1961.
- [31] Samuel I. Goldberg and Shoshichi Kobayashi. The conformal transformation group of a compact homogeneous Riemannian manifold. *Bull. Amer. Math. Soc.*, 68:378–381, 1962.
- [32] Samuel I. Goldberg and Shoshichi Kobayashi. The conformal transformation group of a compact Riemannian manifold. *Amer. J. Math.*, 84:170–174, 1962.
- [33] Samuel I. Goldberg and Shoshichi Kobayashi. The conformal transformation group of a compact Riemannian manifold. *Proc. Nat. Acad. Sci. U.S.A.*, 48(1):25–26, January 1962.
- [34] Shoshichi Kobayashi. Homogeneous Riemannian manifolds of negative curvature. *Tōhoku Math. J.* (2), 14(4):413–415, 1962.
- [35] Shoshichi Kobayashi. Homogeneous Riemannian manifolds of negative curvature. *Bull. Amer. Math. Soc.*, 68:338–339, 1962.
- [36] Shoshichi Kobayashi. On complete Bergman metrics. *Proc. Amer. Math. Soc.*, 13:511–513, 1962.
- [37] W. M. Boothby, Shoshichi Kobayashi, and H. C. Wang. A note on mappings and automorphisms of almost complex manifolds. *Ann. of Math.* (2), 77(2):329–334, March 1963.
- [38] Shoshichi Kobayashi. Topology of positively pinched Kaehler manifolds. *Tōhoku Math. J.* (2), 15(2):121–139, 1963.
- [39] Hsin Chu and Shoshichi Kobayashi. The automorphism group of a geometric structure. *Trans. Amer. Math. Soc.*, 113:141–150, 1964.
- [40] Shoshichi Kobayashi and Tadashi Nagano. On filtered Lie algebras and geometric structures, I. *J. Math. Mech.*, 13:875–907, 1964.
- [41] Shoshichi Kobayashi and Tadashi Nagano. On projective connections. *J. Math. Mech.*, 13:215–235, 1964.
- [42] Shoshichi Kobayashi and Tadashi Nagano. A theorem on filtered Lie algebras and its applications. *Bull. Amer. Math. Soc.*, 70:401–403, 1964.
- [43] Shoshichi Kobayashi and Tadashi Nagano. On a fundamental theorem of Weyl–Cartan on g -structures. *J. Math. Soc. Japan*, 17(1):84–101, 1965.
- [44] Shoshichi Kobayashi and Tadashi Nagano. On filtered Lie algebras and geometric structures, II. *J. Math. Mech.*, 14:513–521, 1965.
- [45] Shoshichi Kobayashi and Tadashi Nagano. On filtered Lie algebras and geometric structures, III. *J. Math. Mech.*, 14:679–706, 1965.

- [46] Shoshichi Kobayashi and Tadashi Nagano. On filtered Lie algebras and geometric structures, IV. *J. Math. Mech.*, 15:163–175, 1966.
- [47] Shoshichi Kobayashi and Tadashi Nagano. On filtered Lie algebras and geometric structures, V. *J. Math. Mech.*, 15:315–328, 1966.
- [48] Shoshichi Kobayashi and Tadashi Nagano. A report on filtered Lie algebras. In K. Nomizu, Y. Matsushima, and K. Yano, editors, *Proceedings of the United States–Japan seminar in differential geometry*, pages 63–70. Nippon Hyoronsha, Tokyo, 1966.
- [49] Kentaro Yano and Shoshichi Kobayashi. Prolongations of tensor fields and connections to tangent bundles. I: General theory. *J. Math. Soc. Japan*, 18(2):194–210, 1966.
- [50] Kentaro Yano and Shoshichi Kobayashi. Prolongations of tensor fields and connections to tangent bundles. II: Infinitesimal automorphisms. *J. Math. Soc. Japan*, 18:236–246, 1966.
- [51] Samuel I. Goldberg and Shoshichi Kobayashi. Holomorphic bisectonal curvature. *J. Differential Geometry*, 1(3–4):225–233, 1967.
- [52] Shoshichi Kobayashi. Distance, holomorphic mappings and the Schwarz lemma. *J. Math. Soc. Japan*, 19(4):481–485, 1967.
- [53] Shoshichi Kobayashi. Hypersurfaces of complex projective space with constant scalar curvature. *J. Differential Geometry*, 1(3–4):369–370, 1967.
- [54] Shoshichi Kobayashi. Imbeddings of homogeneous spaces with minimum total curvature. *Tōhoku Math. J. (2)*, 19(1):63–70, 1967.
- [55] Shoshichi Kobayashi. Intrinsic metrics on complex manifolds. *Bull. Amer. Math. Soc.*, 73:347–349, 1967.
- [56] Shoshichi Kobayashi. Invariant distances on complex manifolds and holomorphic mappings. *J. Math. Soc. Japan*, 19(4):460–480, 1967.
- [57] Shoshichi Kobayashi. On conjugate and cut loci. In S.-S. Chern, editor, *Studies in global geometry and analysis*, number 4 in *Studies in Mathematics*, pages 96–122. MAA, Englewood Cliffs, NJ, 1967.
- [58] Kentaro Yano and Shoshichi Kobayashi. Prolongations of tensor fields and connections to tangent bundles. III: Holonomy groups. *J. Math. Soc. Japan*, 19:486–488, 1967.
- [59] Shoshichi Kobayashi. Irreducibility of certain unitary representations. *J. Math. Soc. Japan*, 20(4):638–642, 1968.
- [60] Shoshichi Kobayashi. Isometric imbeddings of compact symmetric spaces. *Tōhoku Math. J. (2)*, 20(1):21–25, 1968.

- [61] Shoshichi Kobayashi. Volume elements, holomorphic mappings and Schwarz's lemma. In Jacob Korevaar, editor, *Entire functions and related parts of analysis*, number 11 in Proceedings of Symposia in Pure Mathematics, pages 253–260. American Mathematical Society, Providence, RI, 1968.
- [62] Masaru Takeuchi and Shoshichi Kobayashi. Minimal imbeddings of r -spaces. *J. Differential Geometry*, 2(2):203–215, 1968.
- [63] S.-S. Chern, M.P. do Carmo, and S. Kobayashi. Minimal submanifolds of a sphere with second fundamental form of constant length. In Felix E. Browder, editor, *Functional analysis and related fields: Proceedings of a conference for M. Stone*, pages 59–75. Springer, New York, 1970.
- [64] Shoshichi Kobayashi and Takushiro Ochiai. On complex manifolds with positive tangent bundles. *J. Math. Soc. Japan*, 22(4):499–525, 1970.
- [65] Shoshichi Kobayashi and Hung-Hsi Wu. On holomorphic sections of certain hermitian vector bundles. *Math. Ann.*, 189(1):1–4, 1970.
- [66] S. Kobayashi. Invariante Distanzen auf Komplexen Räumen. In Wilhelm Klingenberg, editor, *Differentialgeometrie im großen*, number 4 in Mathematisches Forschungsinstitut Oberwolfach, pages 231–234. Bibliographisches Institut, Mannheim, 1971.
- [67] Shoshichi Kobayashi. Pseudo-distances intrinsèques sur les espaces complexes. In *Actes du Congrès international des mathématiciens*, volume 2, pages 181–185. Gauthier-Villars, Paris, 1971.
- [68] Shoshichi Kobayashi and Takushiro Ochiai. g -structures of order two and transgression operators. *J. Differential Geometry*, 6(2):213–230, 1971.
- [69] Shoshichi Kobayashi and Takushiro Ochiai. Mappings into compact manifolds with negative first Chern class. *J. Math. Soc. Japan*, 23(1):137–148, 1971.
- [70] Shoshichi Kobayashi and Takushiro Ochiai. Satake compactification and the great Picard theorem. *J. Math. Soc. Japan*, 23(2):340–350, 1971.
- [71] Peter Kiernan and Shoshichi Kobayashi. Satake compactification and extension of holomorphic mappings. *Invent. Math.*, 16(3):237–248, 1972.
- [72] Shoshichi Kobayashi. Schwarz lemma. In William Munger Boothby and Guido L. Weiss, editors, *Symmetric spaces*, number 8 in Pure and Applied Mathematics, pages 247–254. Dekker, New York, 1972.
- [73] Shoshichi Kobayashi and Tadashi Nagano. Riemannian manifolds with abundant isometries. In Shoshichi Kobayashi, Morio Obata, and Tsunerō Takahashi, editors, *Differential geometry: In honor of Kentaro Yanō*, pages 195–219. Kinokuniya, Tokyo, 1972.

- [74] Shoshichi Kobayashi and Takushiro Ochiai. Compact homogeneous complex manifolds with positive tangent bundle. In Shoshichi Kobayashi, Morio Obata, and Tsunerō Takahashi, editors, *Differential geometry: In honor of Kentaro Yano*, pages 221–232. Kinokuniya, Tokyo, 1972.
- [75] Shoshichi Kobayashi and Takushiro Ochiai. Three-dimensional compact Kähler manifolds with positive holomorphic bisectional curvature. *J. Math. Soc. Japan*, 24(3):465–480, 1972.
- [76] S. Kobajasi. Hyperbolic manifolds and holomorphic mappings. *Matematika*, 17(1):47–96, 1973.
- [77] S. Kobajasi. Pseudodistances intrinsèques sur les espaces complexes. *Matematika*, 17(1):42–46, 1973.
- [78] S. Kobajasi and T. Ohiai. Mappings into compact complex manifolds with negative first Chern class. *Matematika*, 17(2):68–73, 1973.
- [79] S. Kobajasi and T. Ohiai. Satake compactification and the great Picard theorem. *Matematika*, 17(2):58–67, 1973.
- [80] Shoshichi Kobayashi. Some remarks and questions concerning the intrinsic distance. *Tōhoku Math. J. (2)*, 25(4):481–486, 1973.
- [81] Shoshichi Kobayashi and Peter Kiernan. Holomorphic mappings into projective space with lacunary hyperplanes. *Nagoya Math. J.*, 50:199–216, 1973.
- [82] Shoshichi Kobayashi and Takushiro Ochiai. Characterizations of complex projective spaces and hyperquadrics. *J. Math. Kyoto Univ.*, 13(1):31–47, 1973.
- [83] Shoshichi Kobayashi. Some problems on intrinsic distances and measures. In A. Panayotopoulos, editor, *C. Carathéodory: international symposium*, pages 306–317, Athens, 1974. Greek Mathematical Society.
- [84] Shoshichi Kobayashi. Negative vector bundles and complex Finsler structures. *Nagoya Math. J.*, 57:153–166, 1975.
- [85] Shoshichi Kobayashi. On hyperbolic complex spaces and extension problems. In Akio Hattori and Nihon Sūgakkai, editors, *Manifolds—Tokyo 1973*, pages 333–341. University of Tokyo Press, 1975.
- [86] Shoshichi Kobayashi and Takushiro Ochiai. Meromorphic mappings onto compact complex spaces of general type. *Invent. Math.*, 31(1):7–16, 1975. Dedicated to the memory of Yotaro Tsukamoto.
- [87] Geneviève Avérous and Shoshichi Kobayashi. On automorphisms of spaces of nonpositive curvature with finite volume. In Michel Cahen and Moshe Flato, editors, *Differential geometry and relativity*, number 3 in Mathematical Physics and Applied Mathematics, pages 19–26. Reidel, Dordrecht, 1976.

- [88] Peter Kiernan and Shoshichi Kobayashi. Comments on Satake compactification and Picard theorem. *J. Math. Soc. Japan*, 28(3):577–580, 1976.
- [89] Shoshichi Kobayashi. Intrinsic distances, measures and geometric function theory. *Bull. Amer. Math. Soc.*, 82(3):357–416, 1976.
- [90] Shoshichi Kobayashi. Intrinsic distances associated with flat affine or projective structures. *J. Fac. Sci. Univ. Tokyo Sect. IA Math.*, 24(1):129–135, 1977.
- [91] Shoshichi Kobayashi. Complex manifolds with nonpositive holomorphic sectional curvature and hyperbolicity. *Tōhoku Math. J. (2)*, 30(3):487–489, 1978.
- [92] Shoshichi Kobayashi. Projective invariant metrics for Einstein spaces. *Nagoya Math. J.*, 73:171–174, 1979.
- [93] Shoshichi Kobayashi. Projective structures of hyperbolic type. In Morio Obata, editor, *Minimal submanifolds and geodesics*, pages 85–92. North-Holland, Amsterdam, 1979.
- [94] Shoshichi Kobayashi and Takeshi Sasaki. Projective structures with trivial intrinsic pseudodistance. In Morio Obata, editor, *Minimal submanifolds and geodesics*, pages 93–99. North-Holland, Amsterdam, 1979.
- [95] Masahisa Inoue, Shoshichi Kobayashi, and Takushiro Ochiai. Holomorphic affine connections on compact complex surfaces. *J. Fac. Sci. Univ. Tokyo Sect. IA Math.*, 27(2):247–264, 1980.
- [96] Shoshichi Kobayashi. The first Chern class and holomorphic symmetric tensor fields. *J. Math. Soc. Japan*, 32(2):325–329, 1980.
- [97] Shoshichi Kobayashi. First Chern class and holomorphic tensor fields. *Nagoya Math. J.*, 77:5–11, 1980.
- [98] Shoshichi Kobayashi and Takushiro Ochiai. Holomorphic projective structures on compact complex surfaces. *Math. Ann.*, 249(1):75–94, 1980.
- [99] S. Kobayashi. Recent results in complex differential geometry. *Jahresber. Deutsch. Math.-Verein.*, 83(4):147–158, 1981.
- [100] Shoshichi Kobayashi. On holomorphic connections. In Dirk Ferus, Wolfgang Kühnel, Udo Simon, and Bernd Wegner, editors, *Global differential geometry and global analysis*, number 838 in Lecture Notes in Mathematics, pages 154–164. Springer, Berlin, 1981.
- [101] Shoshichi Kobayashi and Takushiro Ochiai. Holomorphic projective structures on compact complex surfaces, II. *Math. Ann.*, 255(4):519–521, 1981.

- [102] Shoshichi Kobayashi and Takushiro Ochiai. Holomorphic structures modeled after compact Hermitian symmetric spaces. In J. Hano, A. Morimoto, S. Murakami, K. Okamoto, and H. Ozeki, editors, *Manifolds and Lie groups: papers in honor of Yozô Matsushima*, number 14 in Progress in Mathematics, pages 207–222. Birkhäuser, Boston, MA, 1981.
- [103] Shoshichi Kobayashi. Curvature and stability of vector bundles. *Proc. Japan Acad. Ser. A*, 58(4):158–162, 1982.
- [104] Shoshichi Kobayashi. Invariant distances for projective structures. In *Metriche invarianti, applicazioni armoniche e questioni connesse*, number 26 in Symposia mathematica, pages 153–161. Academic Press, London, 1982.
- [105] Shoshichi Kobayashi. Projective structures and invariant distances. *Sūgaku*, 34(3):211–221, 1982.
- [106] Shoshichi Kobayashi and Takushiro Ochiai. Holomorphic structures modeled after hyperquadrics. *Tōhoku Math. J. (2)*, 34(4):587–629, 1982.
- [107] Shoshichi Kobayashi. The work of Shing Tung Yau. *Sūgaku*, 35(2):121–127, 1983.
- [108] Shoshichi Kobayashi and Camilla Horst. Topics in complex differential geometry. In *Complex differential geometry*, number 3 in DMV Seminars, pages 4–66. Birkhäuser, Basel, 1983.
- [109] Shoshichi Kobayashi. Einstein–Hermitian vector bundles and stability. In Thomas Willmore and Nigel J. Hitchin, editors, *Global Riemannian geometry*, Mathematics and its Applications, pages 60–64. Ellis Horwood, Chichester, 1984.
- [110] Shoshichi Kobayashi. Holomorphic projective structures and invariant distances. In J.J. Kohn, Q.-K. Lu, R. Remmert, and Y.-T. Siu, editors, *Several complex variables*, pages 67–71. Birkhäuser, Boston, MA, 1984.
- [111] Shoshichi Kobayashi. The mathematical work of Y. Matsushima and its development. *Osaka J. Math.*, 21(1):iii–xix, 1984.
- [112] Shoshichi Kobayashi. Projectively invariant distances for affine and projective structures. In W. Waliszewski, Grzegorz Andrzejcák, and Paweł Grzegorz Walczak, editors, *Differential geometry*, number 12 in Banach Center Publications, pages 127–152. PWN, Warsaw, 1984.
- [113] Shoshichi Kobayashi. Homogeneous vector bundles and stability. *Nagoya Math. J.*, 101:37–54, 1986.
- [114] Shoshichi Kobayashi. On two concepts of stability for vector bundles and sheaves. In Jorge Alberto Barroso, editor, *Aspects of mathematics and its applications*, number 34 in North-Holland Mathematics Library, pages 477–484. North-Holland, Amsterdam, 1986.

- [115] Shoshichi Kobayashi. Simple vector bundles over symplectic Kähler manifolds. *Proc. Japan Acad. Ser. A*, 62(1):21–24, 1986.
- [116] Shoshichi Kobayashi, Yoshihiro Ohnita, and Masaru Takeuchi. On instability of Yang–Mills connections. *Math. Z.*, 193(2):165–189, 1986.
- [117] Shoshichi Kobayashi. How to write a mathematical paper (in English). *Sūgaku*, 39(4):348–354, 1987.
- [118] Shoshichi Kobayashi. Submersions of CR submanifolds. *Tohoku Math. J. (2)*, 39(1):95–100, 1987.
- [119] Shoshichi Kobayashi. Manifolds over function algebras and mapping spaces. *Tohoku Math. J. (2)*, 41(2):263–282, 1989. Dedicated to Professor Ichiro Satake on his sixtieth birthday.
- [120] Tadashi Nagano. On recent developments of geometry: Prof. Shoshichi Kobayashi and his work. *Sūgaku*, 41(1):64–75, 1989.
- [121] Shoshichi Kobayashi. A new invariant infinitesimal metric. *Internat. J. Math.*, 1(1):83–90, 1990.
- [122] Shoshichi Kobayashi. On moduli of vector bundles. In Vinicio Villani, editor, *Complex geometry and analysis*, number 1422 in Lecture Notes in Mathematics, pages 45–57. Springer, Berlin, 1990.
- [123] Shoshichi Kobayashi. Theorem of Busemann–Mayer on Finsler metrics. *Hokkaido Math. J.*, 20(2):205–211, 1991.
- [124] Shoshichi Kobayashi. On first eigenvalues of the Laplacian. In Tadashi Nagano, editor, *Geometry and its applications*, pages 101–107. World Scientific, River Edge, NJ, 1993.
- [125] Shoshichi Kobayashi. Relative intrinsic distance and hyperbolic imbedding. In Junjiro Noguchi, editor, *Holomorphic mappings, diophantine geometry and related topics*, number 819, pages 239–242. Kyoto University, 1993.
- [126] Shoshichi Kobayashi. Some problems in hyperbolic complex analysis. In Gen Komatsu and Yusuke Sakane, editors, *Complex geometry*, number 143 in Lecture Notes in Pure and Applied Mathematics, pages 113–120. Dekker, New York, 1993.
- [127] Shoshichi Kobayashi and Eriko Shinozaki. Conjugate connections in principal bundles. In F. Dillen, M. Magid, U. Simon, I. Van de Woestijne, and L. Verstraelen, editors, *Geometry and topology of submanifolds, VII*, pages 143–148. World Scientific, River Edge, NJ, 1995.

- [128] Shoshichi Kobayashi. Complex Finsler vector bundles. In David Bao, Shing-Shen Chern, and Zhongmin Shen, editors, *Finsler geometry*, number 196 in Contemporary Mathematics, pages 145–153. American Mathematical Society, Providence, RI, 1996.
- [129] Shoshichi Kobayashi. A new relative invariant distance and applications. In Paolo de Bartolomeis, Franco Tricerri, and Edoardo Vesentini, editors, *Manifolds and geometry*, number 36 in Symposia Mathematica, pages 261–266. Cambridge University Press, 1996. Dedicated to Professor Eugenio Calabi on his seventieth birthday.
- [130] Shoshichi Kobayashi. On the intrinsic relative distance. In Junjirô Noguchi and Nihon Sûgakkai, editors, *Geometric complex analysis*, pages 355–361. World Scientific, 1996.
- [131] Shōshichi Kobayashi. Differential geometry in Japan in the 1940s and 1950s. *Sûgaku*, 49(3):225–234, 1997.
- [132] Shōshichi Kobayashi. On various geometric structures. *Sûgaku*, 49(1):100–103, 1997.
- [133] Shoshichi Kobayashi and Eriko Shinozaki. Conjugate connections and moduli spaces of connections. *Tokyo J. Math.*, 20(1):67–72, 1997.
- [134] Shoshichi Kobayashi. Differential geometry in Japan in the 1940s and 1950s. *Sûgaku Expo.*, 12(1):85–93, 1999.
- [135] Shoshichi Kobayashi. Almost complex manifolds and hyperbolicity. *Result. Math.*, 40(1–4):246–256, 2001. Dedicated to Shiing-Shen Chern on his 90th birthday.
- [136] Shoshichi Kobayashi. Almost complex manifolds and a differential geometric criterion for hyperbolicity. In Daqian Li, Chaohao Gu, and Hesheng Hu, editors, *Differential geometry and related topics. Proceedings of the international conference on modern mathematics and the international symposium on differential geometry in honour of Professor Su Buchin on the centenary of his birth held at Fudan University*, pages 147–156. World Scientific, 2002.
- [137] Shoshichi Kobayashi. Natural connections in almost complex manifolds. In John Bland, Kang-Tae Kim, and Steven George Krantz, editors, *Explorations in complex and Riemannian geometry: A volume dedicated to Robert E. Greene*, number 332 in Contemporary Mathematics, pages 153–169. American Mathematical Society, Providence, RI, 2003.
- [138] Shoshichi Kobayashi. Problems related to hyperbolicity of almost complex structures. In Kimio Miyajima, editor, *Complex analysis in several variables: Memorial conference of Kiyoshi Oka's centennial birthday*, number 42 in Advanced Studies in Pure Mathematics, pages 141–146. Mathematical Society of Japan, Tokyo, 2004.

- [139] Jean-Pierre Demailly, Shoshichi Kobayashi, Raghavan Narasimhan, and Yum-Tong Siu. Cartan and complex analytic geometry. *Notices Amer. Math. Soc.*, 57(8):952–960, 2010.
- [140] W.-Y. Hsiang, S. Kobayashi, I. M. Singer, A. Weinstein, J. Wolf, and H. H. Wu, editors. *The Chern Symposium 1979: Proceedings of the international symposium on differential geometry in honor of S. S. Chern*. Springer, New York, 1980.
- [141] Shoshichi Kobayashi. *Differential geometry of complex vector bundles*. Number 15 in Publications of the Mathematical Society of Japan. Princeton University Press, 1987. Also published as Kanô Memorial Lectures 5, Iwanami Shoten (Tokyo).
- [142] Shoshichi Kobayashi. *Hyperbolic complex spaces*. Number 318 in Grundlehren der mathematischen Wissenschaften. Springer, Berlin, 1998.
- [143] Shoshichi Kobayashi. *Hyperbolic manifolds and holomorphic mappings*. Number 2 in Pure and Applied Mathematics. Marcel Dekker, New York, 1970.
- [144] Shoshichi Kobayashi. *Hyperbolic manifolds and holomorphic mappings: An introduction*. World Scientific, Hackensack, NJ, 2nd edition, 2005.
- [145] Shoshichi Kobayashi. *Setsuzoku no riron nyūmon*. Number 8 in Seminar on Mathematical Sciences. Keio University, Yokohama, 1984. Notes by Kotaro Yamada.
- [146] Shoshichi Kobayashi. *Transformation groups in differential geometry*. Classics in Mathematics. Springer, Berlin, 1995.
- [147] Shoshichi Kobayashi. *Transformation groups in differential geometry*. Number 70 in Ergebnisse der Mathematik und ihrer Grenzgebiete. Springer, New York, 1972.
- [148] Shoshichi Kobayashi and Katsumi Nomizu. *Foundations of differential geometry*, volume II of *Wiley Classics Library*. John Wiley & Sons, New York, 1996.
- [149] Shoshichi Kobayashi and Katsumi Nomizu. *Foundations of differential geometry*, volume I of *Wiley Classics Library*. John Wiley & Sons, New York, 1996.
- [150] Shoshichi Kobayashi and Katsumi Nomizu. *Foundations of differential geometry*, volume II of *Interscience Tracts in Pure and Applied Mathematics*. Interscience Publishers, New York-London-Sydney, 1969.
- [151] Shoshichi Kobayashi and Katsumi Nomizu. *Foundations of differential geometry*, volume I of *Interscience tracts in pure and applied mathematics*. Interscience Publishers, New York-London, 1963.

- [152] Shoshichi Kobayashi, Morio Obata, and Tsunerō Takahashi, editors. *Differential geometry: In honor of Kentaro Yano*. Kinokuniya, Tokyo, 1972.
- [153] Sh. Kobayasi. *Gruppy preobrazovaniï differentsialnoi geometrii*. Nauka, Moscow, 1986.
- [154] Sh. Kobayasi and K. Nomidzu. *Osnovy differentsialnoi geometrii*, volume II. Nauka, Moscow, 1981.
- [155] Sh. Kobayasi and K. Nomidzu. *Osnovy differentsialnoi geometrii*, volume I. Nauka, Moscow, 1981. With an appendix “Methods of nonassociative geometry” by L. V. Sabinin.
- [156] T. Mabuchi, J. Noguchi, and T. Ochiai, editors. *Geometry and analysis on complex manifolds*. World Scientific, River Edge, NJ, 1994. Festschrift for Professor S. Kobayashi’s 60th birthday.
- [157] Yozō Matsushima. *Collected papers of Yozō Matsushima*. Number 15 in Series in Pure Mathematics. World Scientific, River Edge, NJ, 1992. With a biography of Matsushima by Shingo Murakami and an introduction by Shoshichi Kobayashi.