Publications of M. S. Baouendi

[1] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, "Dynamics of the segre varieties of a real submanifold in complex space," *J. Algebraic Geom.* **12** (2003), no. 1, 81–106.

[2] M. S. Baouendi, N. Mir, and L. P. Rothschild, "Reflection ideals and mappings between generic submanifolds in complex space," *J. Geom. Anal.* **12** (2002), no. 4, 543–580.

[3] M. S. Baouendi, L. P. Rothschild, and D. Zaitsev, "Equivalences of real submanifolds in complex space," *J. Differential Geom.* **59** (2001), no. 2, 301–351.

[4] M. S. Baouendi, L. P. Rothschild, and D. Zaitsev, "Points in general position in real-analytic submanifolds in $\mathbb{C}^N$ and applications," in *Complex analysis and geometry (Columbus, OH, 1999)*, vol. 9 of *Ohio State Univ. Math. Res. Inst. Publ.*, pp. 1–20. de Gruyter, Berlin, 2001.

[5] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, "Convergence and finite determination of formal CR mappings," *J. Amer. Math. Soc.* **13** (2000), no. 4, 697–723.

[6] M. S. Baouendi and L. P. Rothschild, "Local holomorphic equivalence of real analytic submanifolds in $\mathbf{C}^N$," in *Several complex variables (Berkeley, CA, 1995–1996)*, vol. 37 of *Math. Sci. Res. Inst. Publ.*, pp. 1–24. Cambridge Univ. Press, Cambridge, 1999.

[7] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, "Rational dependence of smooth and analytic CR mappings on their jets," *Math. Ann.* **315** (1999), no. 2, 205–249.

[8] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, "Local geometric properties of real submanifolds in complex space," *Bull. Amer. Math. Soc. (N.S.)* **37** (2000), no. 3, 309–336.

[9] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, *Real submanifolds in complex space and their mappings*, vol. 47 of *Princeton Mathematical Series*. Princeton University Press, Princeton, NJ, 1999, xii+404 pp.

[10] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, "CR automorphisms of real analytic manifolds in complex space," *Comm. Anal. Geom.* **6** (1998), no. 2, 291–315.

[11] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, "Algebraicity of holomorphic mappings between real algebraic sets in $\mathbf{C}^n$," *Acta Math.* **177** (1996), no. 2, 225–273.

[12] M. S. Baouendi, P. Ebenfelt, and L. P. Rothschild, "Parametrization of local biholomorphisms of real analytic hypersurfaces," *Asian J. Math.* **1** (1997), no. 1, 1–16.

[13] M. S. Baouendi, "Analyticity of CR mappings of algebraic hypersurfaces," in *Multidimensional complex analysis and partial differential equations (São Carlos, 1995)*, vol. 205 of *Contemp. Math.*, pp. 253–258. Amer. Math. Soc., Providence, RI, 1997.

[14] M. S. Baouendi and L. P. Rothschild, "Unique continuation of harmonic functions at boundary points and applications to problems in complex analysis," in *Partial differential equations and functional analysis*, vol. 22 of *Progr. Nonlinear Differential Equations Appl.*, pp. 35–40. Birkhäuser Boston, Boston, MA, 1996.

[15] M. S. Baouendi, X. Huang, and L. P. Rothschild, "Nonvanishing of the differential of holomorphic mappings at boundary points," *Math. Res. Lett.* **2** (1995), no. 6, 737–750.

[16] M. S. Baouendi, X. Huang, and L. P. Rothschild, "Regularity of CR mappings between algebraic hypersurfaces," *Invent. Math.* **125** (1996), no. 1, 13–36.

[17] M. S. Baouendi and L. P. Rothschild, "Holomorphic mappings between algebraic hypersurfaces in complex space," in *Séminaire sur les Équations aux Dérivées Partielles, 1994–1995.* Exp. No. XVIII, 9 pp, École Polytech., Palaiseau, 1995.

[18] S. Alinhac and M. S. Baouendi, "A nonuniqueness result for operators of principal type," *Math. Z.* **220** (1995), no. 4, 561–568.

[19] M. S. Baouendi and L. P. Rothschild, "Mappings of real algebraic hypersurfaces," *J. Amer. Math. Soc.* **8** (1995), no. 4, 997–1015.

[20] S. Alinhac, M. S. Baouendi, and L. P. Rothschild, "Flat analytic discs attached to real hypersurfaces of finite type," *Math. Res. Lett.* **1** (1994), no. 3, 359–367.

[21] S. Alinhac and M. S. Baouendi, "A counterexample to strong uniqueness for partial differential equations of Schrödinger's type," *Comm. Partial Differential Equations* **19** (1994), no. 9-10, 1727–1733.

[22] M. S. Baouendi and L. P. Rothschild, "Directions of analytic discs attached to generic manifolds of finite type," *J. Funct. Anal.* **125** (1994), no. 1, 149–171.

[23] M. S. Baouendi and L. P. Rothschild, "Harmonic functions satisfying weighted sign conditions on the boundary," *Ann. Inst. Fourier (Grenoble)* **43** (1993), no. 5, 1311–1318.

[24] M. S. Baouendi and L. P. Rothschild, "A generalized complex Hopf lemma and its applications to CR mappings," *Invent. Math.* **111** (1993), no. 2, 331–348.

[25] M. S. Baouendi, L. P. Rothschild, and J.-M. Trépreau, "On the geometry of analytic discs attached to real manifolds," *J. Differential Geom.* **39** (1994), no. 2, 379–405.

[26] M. S. Baouendi and L. P. Rothschild, "Images of real hypersurfaces under holomorphic mappings," *J. Differential Geom.* **36** (1992), no. 1, 75–88.

[27] M. S. Baouendi and L. P. Rothschild, "Unique continuation and a Schwarz reflection principle for analytic sets," *Comm. Partial Differential Equations* **18** (1993), no. 11, 1961–1970.

[28] M. S. Baouendi and L. P. Rothschild, "A local Hopf lemma and unique continuation for harmonic functions," *Internat. Math. Res. Notices* (1993), no. 8, 245–251.

[29] M. S. Baouendi and L. P. Rothschild, "Remarks on the generic rank of a CR mapping," *J. Geom. Anal.* **2** (1992), no. 1, 1–9.

[30] M. S. Baouendi and L. P. Rothschild, "Holomorphic mappings of real analytic hypersurfaces," in *Several complex variables and complex geometry, Part 3 (Santa Cruz, CA, 1989)*, vol. 52 of *Proc. Sympos. Pure Math.*, pp. 15–26. Amer. Math. Soc., Providence, RI, 1991.

[31] M. S. Baouendi and L. P. Rothschild, "A general reflection principle in $\mathbf{C}^2$," *J. Funct. Anal.* **99** (1991), no. 2, 409–442.

[32] M. S. Baouendi and L. P. Rothschild, "Minimality and the extension of functions from generic manifolds," in *Several complex variables and complex geometry, Part 3 (Santa Cruz, CA, 1989)*, vol. 52 of *Proc. Sympos. Pure Math.*, pp. 1–13. Amer. Math. Soc., Providence, RI, 1991.

[33] S. Alinhac, M. S. Baouendi, and L. P. Rothschild, "Unique continuation and regularity at the boundary for holomorphic functions," *Duke Math. J.* **61** (1990), no. 2, 635–653.

[34] M. S. Baouendi and L. P. Rothschild, "Cauchy-Riemann functions on manifolds of higher codimension in complex space," *Invent. Math.* **101** (1990), no. 1, 45–56.

[35] M. S. Baouendi and L. P. Rothschild, "Transversal Lie group actions on abstract CR manifolds," *Math. Ann.* **287** (1990), no. 1, 19–33.

[36] M. S. Baouendi and L. P. Rothschild, "Geometric properties of mappings between hypersurfaces in complex space," *J. Differential Geom.* **31** (1990), no. 2, 473–499.

[37] M. S. Baouendi and L. P. Rothschild, "CR mappings between real hypersurfaces in complex space," in *Séminaire sur les Équations aux Dérivées Partielles 1987–1988*. Exp. No. XVIII, 4 pp, École Polytech., Palaiseau, 1988.

[38] M. S. Baouendi and L. P. Rothschild, "Extension of holomorphic functions in generic wedges and their wave front sets," *Comm. Partial Differential Equations* **13** (1988), no. 11, 1441–1466.

[39] M. S. Baouendi and F. Treves, "Unique continuation in CR manifolds and in hypo-analytic structures," *Ark. Mat.* **26** (1988), no. 1, 21–40.

[40] M. S. Baouendi and L. P. Rothschild, "Germs of CR maps between real analytic hypersurfaces," *Invent. Math.* **93** (1988), no. 3, 481–500.

[41] M. S. Baouendi, S. R. Bell, and L. P. Rothschild, "Mappings of three-dimensional CR manifolds and their holomorphic extension," *Duke Math. J.* **56** (1988), no. 3, 503–530.

[42] M. S. Baouendi and L. P. Rothschild, "Embeddability of abstract CR structures and integrability of related systems," *Ann. Inst. Fourier (Grenoble)* **37** (1987), no. 3, 131–141.

[43] M. S. Baouendi and L. P. Rothschild, "CR mappings and their holomorphic extension," in *Journées "Équations aux derivées partielles" (Saint Jean de Monts, 1987)*. Exp. No. XXIII, 6, École Polytech., Palaiseau, 1987.

[44] M. S. Baouendi, "Complex vector fields, holomorphic extension of CR functions and related problems," in *Hyperbolic equations and related topics (Katata/Kyoto, 1984)*, pp. 1–9. Academic Press, Boston, MA, 1986.

[45] M. S. Baouendi and L. P. Rothschild, "Normal forms for generic manifolds and holomorphic extension of CR functions," *J. Differential Geom.* **25** (1987), no. 3, 431–467.

[46] M. S. Baouendi, S. R. Bell, and L. P. Rothschild, "CR mappings of finite multiplicity and extension of proper holomorphic mappings," *Bull. Amer. Math. Soc. (N.S.)* **16** (1987), no. 2, 265–270.

[47] M. S. Baouendi, L. P. Rothschild, and F. Treves, "CR structures with group action and extendability of CR functions," *Invent. Math.* **82** (1985), no. 2, 359–396.

[48] M. S. Baouendi, "Uniqueness in a class of nonlinear Cauchy problems," in *Pseudodifferential operators and applications (Notre Dame, Ind., 1984)*, vol. 43 of *Proc. Sympos. Pure Math.*, pp. 17–20. Amer. Math. Soc., Providence, RI, 1985.

[49] M. S. Baouendi, H. Jacobowitz, and F. Treves, "On the analyticity of CR mappings," *Ann. of Math. (2)* **122** (1985), no. 2, 365–400.

[50] M. S. Baouendi and L. P. Rothschild, "Analytic approximation for homogeneous solutions of invariant differential operators on Lie groups," *Astérisque* (1985), no. 131, 189–199. Colloquium in honor of Laurent Schwartz, Vol. 1 (Palaiseau, 1983).

[51] M. S. Baouendi, "Prolongement holomorphe d'applications CR," in *Bony-Sjöstrand-Meyer seminar, 1984–1985*. Exp. No. 21, 8 pp, École Polytech., Palaiseau, 1985.

[52] M. S. Baouendi, C. Goulaouic, and F. Treves, "Uniqueness in certain first-order nonlinear complex Cauchy problems," *Comm. Pure Appl. Math.* **38** (1985), no. 1, 109–123.

[53] M. S. Baouendi and L. P. Rothschild, "Semirigid CR structures and holomorphic extendability," in *Proceedings of the conference on partial differential equations, Vol. 1, 2 (Saint Jean de Monts, 1985)*, pp. Exp. No. 1, 4. Soc. Math. France, Paris, 1985.

[54] M. S. Baouendi and F. Treves, "About the holomorphic extension of CR functions on real hypersurfaces in complex space," *Duke Math. J.* **51** (1984), no. 1, 77–107.

[55] M. S. Baouendi, C. H. Chang, and F. Treves, "Microlocal hypo-analyticity and extension of CR functions," *J. Differential Geom.* **18** (1983), no. 3, 331–391.

[56] M. S. Baouendi, R. Beals, and L. P. Rothschild, eds., *Microlocal analysis*, vol. 27 of *Contemporary Mathematics*. American Mathematical Society, Providence, RI, 1984.

[57] M. S. Baouendi and F. Treves, "Approximation of solutions of linear PDE with analytic coefficients," *Duke Math. J.* **50** (1983), no. 1, 285–301.

[58] M. S. Baouendi and F. Treves, "Extension holomorphe des fonctions CR définies sur une hypersurface de l'espace complexe," *C. R. Acad. Sci. Paris Sér. I Math.* **297** (1983), no. 7, 401–404.

[59] M. S. Baouendi, C. Goulaouic, and G. Métivier, "Kernels and symbols of analytic pseudodifferential operators," *J. Differential Equations* **48** (1983), no. 2, 227–240.

[60] M. S. Baouendi and C. Goulaouic, "Sharp estimates for analytic pseudodifferential operators and application to Cauchy problems," *J. Differential Equations* **48** (1983), no. 2, 241–268.

[61] M. S. Baouendi and F. Treves, "A local constancy principle for the solutions of certain overdetermined systems of first-order linear partial differential equations," vol. 7 of *Adv. in Math. Suppl. Stud.*, pp. 245–262. Academic Press, New York, 1981.

[62] M. S. Baouendi and F. Treves, "A microlocal version of Bochner's tube theorem," *Indiana Univ. Math. J.* **31** (1982), no. 6, 885–895.

[63] M. S. Baouendi, "Microlocalisation hypo-analytique et extension holomorphe de fonctions C.R.," in *Goulaouic-Meyer-Schwartz Seminar, 1981/1982*. Exp. No. XXIII, 8 pp, École Polytech., Palaiseau, 1982.

[64] M. S. Baouendi and G. Métivier, "Vecteurs analytiques d'opérateurs hypoelliptiques et de type principal," in *Séminaire Goulaouic-Schwartz, 1979–1980 (French)*. Exp. No. 12, 14 pp, École Polytech., Palaiseau, 1980.

[65] M. S. Baouendi and C. Goulaouic, "Sur des équations intégrales d'évolution," in *Mathematical analysis and applications, Part A*, vol. 7 of *Adv. in Math. Suppl. Stud.*, pp. 231–243. Academic Press, New York, 1981.

[66] M. S. Baouendi and G. Métivier, "Analytic vectors of hypoelliptic operators of principal type," *Amer. J. Math.* **104** (1982), no. 2, 287–319.

[67] M. S. Baouendi and F. Treves, "A property of the functions and distributions annihilated by a locally integrable system of complex vector fields," *Ann. of Math. (2)* **113** (1981), no. 2, 387–421.

[68] S. Alinhac and M. S. Baouendi, "Construction de solutions nulles et singulières pour des opérateurs de type principal," in *Séminaire Goulaouic-Schwartz (1978/1979)*. Exp. No. 22, 6 pp, École Polytech., Palaiseau, 1979.

[69] S. Alinhac and M. S. Baouendi, "Uniqueness for the characteristic Cauchy problem and strong unique continuation for higher order partial differential inequalities," *Amer. J. Math.* **102** (1980), no. 1, 179–217.

[70] M. S. Baouendi and C. Goulaouic, "Analyticité précisée d'opérateurs intégraux," in *Journées: Équations aux Dérivées Partielles (Saint-Cast, 1979)*. Exp. No. 9, 4 pp, École Polytech., Palaiseau, 1979.

[71] M. S. Baouendi, F. Treves, and E. C. Zachmanoglou, "Flat solutions and singular solutions of homogeneous linear partial differential equations with analytic coefficients," *Duke Math. J.* **46** (1979), no. 2, 409–440.

[72] S. Alinhac and M. S. Baouendi, "Unicité pour le problème de Cauchy à partir d'une surface partout caractéristique; applications," in *Séminaire Goulaouic-Schwartz (1977/1978)*. Exp. No. 16, 8 pp, École Polytech., Palaiseau, 1978.

[73] M. S. Baouendi and E. C. Zachmanoglou, "Unique continuation theorems for solutions of partial differential equations and inequalities," in *Équations aux dérivées partielles (Proc. Conf., Saint-Jean-de-Monts, 1977)*, vol. 660 of *Lecture Notes in Math.*, pp. 9–15. Springer, Berlin, 1978.

[74] M. S. Baouendi and C. Goulaouic, "Le théorème de Nishida pour le problème de Cauchy abstrait par une méthode de point fixe," in *Équations aux dérivées partielles (Proc. Conf., Saint-Jean-de-Monts, 1977)*, vol. 660 of *Lecture Notes in Math.*, pp. 1–8. Springer, Berlin, 1978.

[75] M. S. Baouendi and E. C. Zachmanoglou, "Unique continuation of solutions of partial differential equations and inequalities from manifolds of any dimension," *Duke Math. J.* **45** (1978), no. 1, 1–13.

[76] M. S. Baouendi, "Iterates of elliptic operators and Bernstein inequalities," in *Functional analysis (Proc. Brazilian Math. Soc. Sympos., Inst. Mat. Univ. Estad. Campinas, S ao Paulo, 1974)*, pp. 1–8. Lecture Notes in Pure and Appl. Math., 18. Dekker, New York, 1976.

[77] M. S. Baouendi and J. Sjöstrand, "Régularité analytique pour des opérateurs elliptiques singuliers en un point," in *Séminaire Goulaouic-Lions-Schwartz (1974–1975), Équations aux derivées partielles linéaires et non linéaires.* Exp. No. 7, 11 pp, Centre Math., École Polytech., Paris, 1975.

[78] M. S. Baouendi and C. Goulaouic, "Solutions analytiques de l'équation d'Euler d'un fluide compressible," in *Séminaire Goulaouic-Schwartz 1976/1977: Équations aux dérivées partielles et analyse fonctionnelle.* Exp. No. 22, 7 pp, Centre Math., École Polytech., Paliseau, 1977.

[79] M. S. Baouendi and J. Sjöstrand, "Analytic regularity for the Dirichlet problem in domains with conic singularities," *Ann. Scuola Norm. Sup. Pisa Cl. Sci. (4)* **4** (1977), no. 3, 515–530.

[80] M. S. Baouendi, "On a class of Fuchsian type partial differential operators," in *Proceedings of the International Congress of Mathematicians (Vancouver, B.C., 1974), Vol. 2,* pp. 245–248. Canad. Math. Congress, Montreal, Que., 1975.

[81] M. S. Baouendi and C. Goulaouic, "Cauchy problems with multiple characteristics in spaces of regular distributions," *Uspehi Mat. Nauk* **29** (1974), no. 2(176), 70–76. Translated from the English by A. S. Kalašnikov, Collection of articles dedicated to the memory of Ivan Georgievič Petrovskiǐ (1901–1973), I.

[82] M. S. Baouendi, "Solvability of partial differential equations in the traces of analytic solutions of the heat equation," in *Colloque International CNRS sur les Équations aux Dérivées Partielles Linéaires (Univ. Paris-Sud, Orsay, 1972)*, pp. 86–97. Astérisque, 2 et 3. Soc. Math. France, Paris, 1973.

[83] M. S. Baouendi and C. Goulaouic, "Problèmes de Cauchy pseudo-différentiels analytiques," in *Journées: Équations aux Dérivées Partielles de Rennes (1975)*, pp. 27–41. Astérisque, No. 34–35. Soc. Math. France, Paris, 1976.

[84] M. S. Baouendi and C. Goulaouic, "Remarks on the abstract form of nonlinear Cauchy-Kovalevsky theorems," *Comm. Partial Differential Equations* **2** (1977), no. 11, 1151–1162.

[85] M. S. Baouendi and C. Goulaouic, "Problèmes de Cauchy pseudo-différentiels analytiques non linéaires," in *Séminaire Goulaouic-Schwartz 1975/1976: Èquations aux dérivées partielles et analyse fonctionnelle.* Exp. No. 13, 11 pp, Centre Math., École Polytech., Palaiseau, 1976.

[86] M. S. Baouendi and J. Sjöstrand, "Régularité analytique pour des opérateurs elliptiques singuliers en un point," *Ark. Mat.* **14** (1976), no. 1, 9–33.

[87] M. S. Baouendi and J. Sjöstrand, "Non hypoellipticité d'opérateurs elliptiques singuliers," in *Séminaire Goulaouic-Schwartz (1975/1976), Équations aux dérivées partielles et analyse fonctionnelle.* Exp. No. 24, 8 pp, Centre Math., École Polytech., Palaiseau, 1976.

[88] M. S. Baouendi and E. C. Zachmanoglou, "Unique continuation theorems for solutions of partial differential equations," *Bull. Amer. Math. Soc.* **83** (1977), no. 5, 1045–1048.

[89] C. Baiocchi and M. S. Baouendi, "Singular evolution equations," *J. Functional Analysis* **25** (1977), no. 2, 103–120.

[90] M. S. Baouendi and C. Goulaouic, "Singular nonlinear Cauchy problems," *J. Differential Equations* **22** (1976), no. 2, 268–291.

[91] M. S. Baouendi and C. Goulaouic, "Cauchy problem for analytic pseudo-differential operators," *Comm. Partial Differential Equations* **1** (1976), no. 2, 135–189.

[92] M. S. Baouendi and C. Goulaouic, "Problèmes d'analyticité pour des opérateurs différentiels dégénérés; applications," in *Séminaire Goulaouic-Schwartz 1970–1971: Équations aux dérivées partielles et analyse fonctionnelle.* Exp. Nos. 7-9, 35 pp, Centre de Math., École Polytech., Paris, 1971.

[93] M. S. Baouendi and C. Goulaouic, "Problèmes de Cauchy relatifs à une surface initiale caractéristique–applications," in *Colloque International CNRS sur les Èquations aux Dérivées Partielles Linéaires (Univ. Paris-Sud, Orsay, 1972)*, pp. 160–170. Astérisque, 2 et 3. Soc. Math. France, Paris, 1973.

[94] C. Baiocchi and M. S. Baouendi, "Équations d'évolution à coefficients singuliers," in *Séminaire Goulaouic-Schwartz 1972–1973: Équations aux dérivées partielles et analyse fonctionnelle.* Exp. No. 28, 10 pp, Centre de Math., École Polytech., Paris, 1973.

[95] M. S. Baouendi and C. Goulaouic, "Problèmes de Cauchy singuliers non linéaires," in *Séminaire Goulaouic-Lions-Schwartz 1974–1975: Équations aux dérivées partielles linéaires et non linéaires.* Exp. No. 3-4, 18 pp, Centre Math., École Polytech., Paris, 1975.

[96] M. S. Baouendi, "Approximation polynomiale sur un compact de $\mathbf{R}^n$," in *Séminaire Goulaouic-Schwartz 1972-1973: Équations aux dérivées partielles et analyse fonctionnelle.* Exp. No. 2, 6 pp, Centre de Math., École Polytech., Paris, 1973.

[97] M. S. Baouendi, "Solvability of partial differential equations in the traces of analytic solutions of the heat equation," *Amer. J. Math.* **97** (1975), no. 4, 983–1005.

[98] M. S. Baouendi and C. Goulaouic, "Itérés d'opérateurs elliptiques et prolongement de fonctions propres," *Rev. Roumaine Math. Pures Appl.* **18** (1973) 1495–1501. Hommage au Professeur Miron Nicolescu pour son 70e anniversaire, I.

[99] M. S. Baouendi and C. Goulaouic, "Approximation d'espaces de fonctions C^∞ et interpolation," in *Linear operators and approximation (Proc. Conf., Oberwolfach, 1971)*, pp. 273–280. Internat. Ser. Numer. Math., Vol. 20. Birkhäuser, Basel, 1972.

[100] M. S. Baouendi, "Analyticité des solutions du problème de Dirichlet homogène," in *Publications des Séminaires de Mathématiques (Univ. Rennes, Rennes, année 1969-1970), Fasc. 1: Séminaires d'Analyse Fonctionnelle, Exp. No. 5*, p. 15. Dép. Math. et Informat., Univ. Rennes, Rennes, 1970.

[101] M. S. Baouendi, C. Goulaouic, and B. Hanouzet, "Caractérisation de classes de fonctions C^∞ et analytiques sur une variété irrégulière à l'aide d'un opérateur différentiel," *J. Math. Pures Appl. (9)* **52** (1973) 115–144.

[102] M. S. Baouendi and C. Goulaouic, "Sur une classe de problèmes de Cauchy singuliers non linéaires," *C. R. Acad. Sci. Paris Sér. A* **279** (1974) 819–822.

[103] M. S. Baouendi and G. Geymonat, "Transposition des problèmes aux limites elliptiques," in *Symposia Mathematica, Vol. VII (Convegno sulle Equazioni Ipoellittiche e Spazi Funzionali, INDAM, Rome, 1970)*, pp. 421–441. Academic Press, London, 1971.

[104] M. S. Baouendi, "Itérés d'opérateurs elliptiques dégénérés et applications," in *Actes du Colloque d'Analyse Fonctionnelle (Univ. Bordeaux, Bordeaux, 1971)*, pp. 35–38. Bull. Soc. Math. France, Mém. No. 31–32. Soc. Math. France, Paris, 1972.

[105] M. S. Baouendi and C. Goulaouic, "Approximation polynomiale de fonctions C^∞ et analytiques," *Ann. Inst. Fourier (Grenoble)* **21** (1971), no. 4, 149–173.

[106] M. S. Baouendi and C. Goulaouic, "Approximation of analytic functions on compact sets and Bernstein's inequality," *Trans. Amer. Math. Soc.* **189** (1974) 251–261.

[107] M. S. Baouendi and C. Goulaouic, "Analyticity for degenerate elliptic equations and applications," in *Partial differential equations (Proc. Sympos. Pure Math., Vol. XXIII, Univ. California, Berkeley, Calif., 1971)*, pp. 79–84. Amer. Math. Soc., Providence, R.I., 1973.

[108] M. S. Baouendi and C. Goulaouic, "Approximation polynomiale et inégalités de Bernstein," *C. R. Acad. Sci. Paris Sér. A-B* **275** (1972) A967–A969.

[109] M. S. Baouendi and C. Goulaouic, "Cauchy problems with characteristic initial hypersurface," *Comm. Pure Appl. Math.* **26** (1973) 455–475.

[110] M. S. Baouendi, C. Goulaouic, and L. J. Lipkin, "On the operator $\Delta r^2 + \mu(\partial/\partial r)r + \lambda$," *J. Differential Equations* **15** (1974) 499–509.

[111] M. S. Baouendi and C. Goulaouic, "Régularité analytique et itérés d'opérateurs elliptiques dégénérés; applications," *J. Functional Analysis* **9** (1972) 208–248.

[112] M. S. Baouendi and C. Goulaouic, "Nonanalytic-hypoellipticity for some degenerate elliptic operators," *Bull. Amer. Math. Soc.* **78** (1972) 483–486.

[113] M. S. Baouendi and G. Geymonat, "Résultats de dualité dans les problèmes aux limites linéaires elliptiques," *J. Differential Equations* **11** (1972) 207–220.

[114] M. S. Baouendi and C. Goulaouic, "Approximation polynômiale de fonctions C^∞ et analytiques," *C. R. Acad. Sci. Paris Sér. A-B* **273** (1971) A99–A101.

[115] M. S. Baouendi and C. Goulaouic, "Étude de l'analycité et de la régularité Gevrey pour une classe d'opérateurs elliptiques dégénérés," *Ann. Sci. École Norm. Sup. (4)* **4** (1971) 31–46.

[116] M. S. Baouendi and G. Geymonat, "Quelques résultats de dualité dans les problèmes aux limites linéaires elliptiques," *C. R. Acad. Sci. Paris Sér. A-B* **270** (1970) A370–A372.

[117] M. S. Baouendi and C. Goulaouic, "Caractérisation des fonctions analytiques sur une variété à bord," *C. R. Acad. Sci. Paris Sér. A-B* **270** (1970) A1424–A1426.

[118] M. S. Baouendi and C. Goulaouic, "Analyticité "jusqu'au bord" pour une classe d'opérateurs elliptiques dégénérés," *C. R. Acad. Sci. Paris Sér. A-B* **270** (1970) A1158–A1161.

[119] M. S. Baouendi and P. Grisvard, "Sur une équation d'évolution changeant de type," *J. Functional Analysis* **2** (1968) 352–367.

[120] M. S. Baouendi and C. Goulaouic, "Régularité et théorie spectrale pour une classe d'opérateurs elliptiques dégénérés," *Arch. Rational Mech. Anal.* **34** (1969) 361–379.

[121] M. S. Baouendi and C. Goulaouic, "Étude de la régularité et du spectre d'une classe d'opérateurs elliptiques dégénérés," *C. R. Acad. Sci. Paris Sér. A-B* **266** (1968) A336–A338.

[122] M. S. Baouendi, "Sur une classe d'opérateurs elliptiques dégénérés," *Bull. Soc. Math. France* **95** (1967) 45–87.

[123] M. S. Baouendi and C. Goulaouic, "Commutation de l'intersection et des foncteurs d'interpolation," *C. R. Acad. Sci. Paris Sér. A-B* **265** (1967) A313–A315.

[124] M. S. Baouendi and P. Grisvard, "Sur une équation d'évolution changeant de type," *C. R. Acad. Sci. Paris Sér. A-B* **265** (1967) A556–A558.

[125] M. S. Baouendi, "Sur une classe d'opérateurs elliptiques dégénérant au bord," *C. R. Acad. Sci. Paris Sér. A-B* **262** (1966) A337–A340.

[126] M. S. Baouendi, "Impossibilité de la division par un polynome dans $\mathcal{O}_{\mathrm{C}}'$," *C. R. Acad. Sci. Paris* **260** (1965) 760–762.

[127] M. S. Baouendi, "Division des distributions dans $\mathcal{O}_M'$," *C. R. Acad. Sci. Paris* **258** (1964) 1978–1980.

[128] M. S. Baouendi, "Les opérateurs de convolution (d'après Leon Ehrenpreis et Lars Hörmander)," in *Séminaire Bourbaki, Vol. 8, Exp. No. 254*, pp. 171–178. Soc. Math. France, Paris, 1963.