

BOOKS

- [1] **L. Ambrosio, N. Fusco, D. Pallara** - *Functions of bounded variations and free discontinuity problems*, Oxford University Press (2000), pp. XVIII+434

PAPERS

- [133] **I. Fonseca, N. Fusco, G. Leoni, M. Morini** - *Global and local energy minimizers for a nanowire growth model* preprint August 2021, submitted
- [132] **N. Fusco, M. Morini** - *Total positive curvature and the equality case in the relative isoperimetric inequality outside convex domains* preprint March 2021, submitted
- [131] **D. Carazzato, N. Fusco, A. Pratelli** - *Minimality of balls in the small volume regime for a general Gamow type functional*, Adv. Calc. Var., to appear
- [130] **N. Fusco, V. Julin, M. Morini** - *Stationary sets and asymptotic behavior of the mean curvature flow with forcing in the plane*, J. Geom. Anal., to appear
- [129] **N. Fusco, A. Pratelli** - *Sharp stability for the Riesz potential*, ESAIM J. Control Optim. Calc. Var., published online in 2020, doi: 10.1051/cocv/2020024
- [128] **F. Farroni, N. Fusco, S. Guarino Lo Bianco, R. Schiattarella** - *A formula for the anisotropic total variation*, J. Funct. Anal. 278 (2020), art. 108451, 32 pp.
- [127] **N. Fusco, V. Julin, M. Morini** - *The surface diffusion flow with elasticity in three dimensions*, Archive for Rational Mechanics and Analysis 237 (2020), 1325-1382
- [126] **C.-N. Chen, Y.-S. Choi, N. Fusco** - *The Γ -limit of traveling waves in the FitzHugh-Nagumo system*, J. Diff. Eq. 267 (2019), 1805-1835
- [125] **N. Fusco, S. Mukherjee, Y.R.-Y. Zhang** - *A variational characterization of the second eigenvalue of the p -Laplacian on quasi open sets*, Proc. London Mathem. Soc. 119 (2019), 579-612
- [124] **N. Fusco, J. Kristensen, C. Leone, A. Verde** - *On the H -systems in higher dimension*, Nonlinear Analysis 177 (2018), 480-490
- [123] **G. Cupini, N. Fusco, E. Lanconelli, X. Zhong** - *A sharp stability result for the Gauss mean value formula*, J. Anal. Math. 142 (2020), 587-603
- [122] **M. Cicalese, N. Fusco** - *A note on relaxation with constraints on the determinant*, ESAIM J. Control Optim. Calc. Var. 25 (2019), art. 41, 15 pp.
- [121] **N. Fusco, V. Julin, M. Morini** - *The surface diffusion flow with elasticity in the plane*, Commun. Math. Phys. 362 (2018), 571-607
- [120] **N. Fusco, D. Pallara** - *On the isoperimetric profile for a mixed Euclidean-Log-convex measure*, Rend. Mat. Lincei 28 (2017), 635-661
- [119] **N. Fusco, D. Spector** - *A remark on an integral characterization of the dual of BV* , J. Math. Anal. Appl. 457 (2018), 1370-1375

- [118] **G. De Philippis, N. Fusco, A. Pratelli** - *On the approximation of SBV functions*, Atti Accad. Naz. Lincei Rend. Lincei Mat. Appl. 28 (2017), 369–413
- [117] **E. Acerbi, N. Fusco, V. Julin, M. Morini** - *Nonlinear stability results for the modified Mullins-Sekerka and the surface diffusion flow*, J. Diff. Geo. 113 (2019), 1-53
- [116] **I. Fonseca, N. Fusco, G. Leoni, M. Morini** - *A model for dislocations in epitaxially strained elastic films*, J. Mathématiques Pures Appl. 111 (2018), 126-160
- [115] **N. Fusco, G. Moscarello, C. Sbordone** - *BMO-type seminorms and Sobolev functions*, ESAIM J. Control Optim. Calc. Var. 24 (2018), 835–847
- [114] **N. Fusco, Y.R.-Y. Zhang** - *A quantitative form of Faber–Krahn inequality*, Calc. Var. Partial Differential Equations 56 (2017), art.138, 44 pp.
- [113] **N. Fusco** - *The stability of the isoperimetric inequality*, Vector-valued partial differential equations and applications, Lecture Notes in Math. 2179 (2017), 73–123
- [112] **N. Fusco, G. Moscarello, C. Sbordone** - *A formula for the total variation of SBV functions*, J. Funct. Anal. 270 (2016), 419–446
- [111] **N. Fusco** - *The quantitative isoperimetric inequality and related topics*, Bull. Math. Sci. 5 (2015), 517–607
- [110] **N. Fusco, X. Zhong** - *On the Euler–Lagrange equation of a functional by Pólya–Szegő*, Calc. Var. Partial Differential Equations 55 (2016), pp. 22
- [109] **N. Fusco, V. Julin** - *On the regularity of critical and minimal sets of a free interface problem*, Interfaces Free Bound. 17 (2015), 117–142
- [108] **I. Fonseca, N. Fusco, G. Leoni, M. Morini** - *Motion of three-dimensional elastic films by anisotropic surface diffusion with curvature regularization*, Anal. PDE 8 (2015), 373–423
- [107] **A. Figalli, N. Fusco, F. Maggi, V. Millot, M. Morini** - *Isoperimetry and stability properties of balls with respect to nonlocal energies*, Comm. Math. Phys. 336 (2015), 441–507
- [106] **M. Barchiesi, G.M. Capriani, N. Fusco, G. Pisante** - *Stability of Pólya–Szegő inequality for log-concave functions*, J. Funct. Anal. 267 (2014), 2264–2297
- [105] **V. Bögelein, F. Duzaar, N. Fusco** - *A quantitative isoperimetric inequality on the sphere*, Adv. Calc. Var. 10 (2017), 223–265
- [104] **M. Focardi, N. Fusco, C. Leone, P. Marcellini, E. Mascolo, A. Verde** - *Weak lower semicontinuity for polyconvex integrals in the limit case*, Calc. Var. Partial Differential Equations 51 (2014), 171–193
- [103] **V. Bögelein, F. Duzaar, N. Fusco** - *A sharp quantitative isoperimetric inequality in higher codimension*, Rend. Lincei. Mat. Appl. 26 (2015), 309–362
- [102] **N. Fusco, V. Julin** - *A strong form of the quantitative isoperimetric inequality*, Calc. Var. Partial Differential Equations 50 (2014), 925–937

- [101] **N. Fusco, M.S. Gelli, G. Pisante** - *On a Bonnesen type inequality involving the spherical deviation*, J. Math. Pures et Appl. 98 (2012), 616–632
- [100] **E. Acerbi, N. Fusco, M. Morini** - *Minimality via second variation for a nonlocal isoperimetric problem*, Commun. Math. Phys. 322 (2013), 515–557.
- [99] **B. De Maria, N. Fusco** - *Regularity properties of equilibrium configurations of epitaxially strained elastic films*, in ‘Topics in Modern Regularity Theory’, CRM Series 13, Ed. Norm., Pisa (2012), 169–204
- [98] **I. Fonseca, N. Fusco, G. Leoni, V. Millot** - *Material voids in elastic solids with anisotropic surface energies*, J. Math. Pures et Appl. 96 (2011), 591–639
- [97] **I. Fonseca, N. Fusco, G. Leoni, M. Morini** - *Motion of elastic thin films by anisotropic surface diffusion with curvature regularization*, Arch. for Rat. Mech. and Anal. 205 (2012), 425–466
- [96] **M. Barchiesi, F. Cagnetti, N. Fusco** - *Stability of the Steiner symmetrization of convex sets* J. Eur. Math. Soc. 15 (2013), 1245–1278
- [95] **N. Fusco, V. Millot, M. Morini** - *A quantitative isoperimetric inequality for fractional perimeters* J. Funct. Anal. 261 (2011), 697–715
- [94] **N. Fusco, F. Maggi, A. Pratelli** - *On the isoperimetric problem with respect to a mixed euclidean-gaussian density*, J. Funct. Anal. 260 (2011), 3678–3717
- [93] **N. Fusco** - *Equilibrium configurations of epitaxially strained thin films*, Rend. Lincei Mat. Appl., 21 (2010), 341–348
- [92] **N. Fusco, M. Morini** - *Equilibrium configurations of epitaxially strained elastic films: existence, regularity, and qualitative properties of solutions*, Proceedings of the International Congress of Mathematicians 2010, Vol. 3, 1985–2000
- [91] **N. Fusco, A. Pratelli** - *On a conjecture by Auerbach*, J. Eur. Math. Soc., 13 (2011), 1633–1676
- [90] **N. Fusco, M. Morini** - *Equilibrium configurations of epitaxially strained elastic films: second order minimality conditions and qualitative properties of solutions*, Arch. for Rat. Mech. and Anal. 203 (2012), 247–327
- [89] **M. Amar, V. De Cicco, N. Fusco** - *Lower semicontinuity results for free discontinuity energies*, Math. Models Methods Appl. Sci. 20 (2010), 707–730
- [88] **L. Esposito, N. Fusco** - *A remark on a free interface problem with a volume constraint*, J. of Convex Anal. 18 (2011), 417–426
- [87] **S. Fornaro, N. Fusco, G. Metafune, D. Pallara** - *Sharp upper bounds for the density of some invariant measures*, Proc. Roy. Soc. Edinburgh, 139 (2009), 1145–1161
- [86] **A. Cianchi, N. Fusco, F. Maggi, A. Pratelli** - *On the isoperimetric deficit in the Gauss space*, American J. of Math., 133 (2011), 131–186

- [85] **A. Ferriero, N. Fusco** - *A note on the convex hull of sets of finite perimeter in the plane*, Discrete and Cont. Dynam. Systems, Series B, 11 (2009), 103–108
- [84] **N. Fusco, F. Maggi, A. Pratelli** - *Stability estimates for certain variation for certain Faber–Krahn, isocapacitary and Cheeger inequalities*, Ann. Sc. Norm. Sup. di Pisa, 7 (2009), 51–71
- [83] **A. Cianchi, N. Fusco, F. Maggi, A. Pratelli** - *The sharp Sobolev inequality in quantitative form*, J. Eur. Math. Soc. 11 (2009), 1105–1139
- [82] **N. Fusco, G. Moscariello, C. Sbordone** - *The limit of $W^{1,1}$ homeomorphisms with finite distortion*, Calculus of Variations and PDE 33 (2008), 377–390
- [81] **M.A mar, V. De Cicco, N. Fusco** - *Lower semicontinuity and relaxation results in BV for integral functionals with BV integrands*, ESAIM J. Control, Optimization and Calculus of Variations 14 (2008), 456–477
- [80] **N. Fusco** - *Geometrical aspects of symmetrization*, in ‘Calculus of Variations and Non-Linear Partial Differential Equations’, B.Dacorogna & P.Marcellini eds., Springer Lect. Notes in Math. 1927 (2008), 155–181
- [79] **N. Fusco, F. Maggi, A. Pratelli** - *The sharp quantitative isoperimetric inequality*, Annals Math., 168 (2008), 941–980
- [78] **A. Cianchi, N. Fusco, L. Esposito, C. Trombetti** - *A quantitative Pölya–Szegő principle*, J. reine angew. Math. 614 (2008), 153–189
- [77] **I. Fonseca, N. Fusco, G. Leoni, M. Morini** - *Equilibrium configurations of epitaxially strained crystalline films: existence and regularity results*, Arch. Rat. Mech. Anal. 186 (2007), 477–537
- [76] **N. Fusco, F. Maggi, A. Pratelli** - *The sharp quantitative Sobolev inequality for functions of bounded variation*, J. Functional Anal. 244 (2007), 315–341
- [75] **M. Amar, V. De Cicco, N. Fusco** - *A relaxation result in BV for integral functionals with discontinuous integrands*, ESAIM J. Control, Optimization and Calculus of Variations 13 (2007), 396–412
- [74] **V. De Cicco, N. Fusco, A. Verde** - *A chain rule formula in BV and application to lower semicontinuity*, Calculus of Variations and PDE 28 (2007), 427–447
- [73] **N. Fusco, C. Leone, R. March, A. Verde** - *A lower semicontinuity result for polyconvex functionals in SBV*, Proc. Royal Soc. Edinburgh 136 (2006), 321–336
- [72] **A. Cianchi, N. Fusco** - *Dirichlet integrals and Steiner asymmetry*, Bulletin des Sciences Mathematiques 130 (2006), 675–696
- [71] **A. Cianchi, N. Fusco** - *Minimal rearrangements, strict convexity and critical points*, Applicable Analysis 85 (2006), 67–85
- [70] **N. Fusco, M. Gori, F. Maggi** - *A remark on Serrin’s theorem*, Nonlinear Differential Equations and Applications 13 (2006), 425–433

- [69] **A. Cianchi, N. Fusco** - *Steiner symmetric extremals in Pólya–Szegő type inequalities*, Advances in Math., 203 (2006), 673–728
- [68] **N. Fusco** - *Simmetrizzazione di Steiner di insiemi di perimetro finito*, Seminario di Analisi Matematica, Ciclo di conferenze in ricordo di Gianfranco Cimmino, Bologna (2005), 59–73
- [67] **L. Esposito, N. Fusco, C. Trombetti** - *A quantitative version of the isoperimetric inequality: the anisotropic case*, Ann. Sc. Norm. Pisa 4 (2005), 619–651
- [66] **N. Fusco** - *Simmetrizzazione e disuguaglianze di tipo Pólya–Szegő*, B.U.M.I 8-B (2005), 529–548
- [65] **V. De Cicco, N. Fusco, A. Verde** - *On L^1 -lower semicontinuity in BV* , J. of Convex Analysis 12 (2005), 173–185
- [64] **I. Fonseca, N. Fusco, P. Marcellini** - *Topological Degree, Jacobian Determinants and Relaxation*, B.U.M.I 8-B (2005), 187–250
- [63] **M. Chlebík, A. Cianchi, N. Fusco** - *The perimeter inequality for Steiner symmetrization: cases of equality*, Annals Math., 162 (2005), 525–555
- [62] **A. Cianchi, N. Fusco** - *Strict monotonicity of functionals and Steiner symmetrization*, in “Quaderni di Matematica Dip. Mat. Seconda Univ. Napoli” Vol.14, D.Pallara ed. (2004), 187–220
- [61] **N. Fusco** - *The classical isoperimetric theorem*, Rend. Acc. Sc. Fis. Mat. Napoli 71 (2004), 63–107
- [60] **I. Fonseca, N. Fusco, P. Marcellini** - *On the total variation of the jacobian*, J. of Funct. Anal. 207 (2004), 1–32
- [59] **N. Fusco** - *An overview of the Mumford–Shah Problem*, Milan Journal of Math. 71 (2003), 95–120
- [58] **B. Dacorogna, N. Fusco, L. Tartar** - *On the solvability of the equation $\operatorname{div} u = f$ in L^1 and in C^0* , Rend. Mat. Acc. Lincei, Serie IX, 14 (2003), 239–245
- [57] **N. Fusco, F. Giannetti, A. Verde** - *A remark on the L^1 -lower semicontinuity for integral functionals in BV* , Manuscripta Math. 112 (2003), 313–323
- [56] **L. Ambrosio, N. Fusco, J. Hutchinson** - *Higher integrability of the gradient and dimension of the singular set for minimisers of the Mumford–Shah functional*, Calculus of Variations and PDE 16 (2003), 187–215
- [55] **A. Cianchi, N. Fusco** - *Symmetrization and functionals defined on BV* , Progr. Non-linear Diff. Eq. and Appl. 51 (2002), 91–102
- [54] **A. Cianchi, N. Fusco** - *Functions of bounded variation and rearrangements*, Arch. for Rat. Mech. and Anal. 165 (2002), 1–40
- [53] **I. Fonseca, N. Fusco, P. Marcellini** - *An existence result for a nonconvex variational problem via regularity*, ESAIM J. Control, Optimization and Calculus of Variations 7 (2002), 69–96

- [52] **N. Fusco, G. Mingione, C. Trombetti** - *Regularity of minimizers for a class of anisotropic free discontinuity problems*, J. of Convex Analysis 8 (2001), 349-368
- [51] **G. Cupini, N. Fusco, R. Petti** - *A remark on Hölder continuity of local minimizers*, J. of Math. Anal. and Appl. 235 (1999), 578-597
- [50] **A. Cianchi, N. Fusco** - *Gradient regularity for minimizers under general growth conditions*, J. reine und angew. Math. 507 (1999), 15-36
- [49] **L. Boccardo, V. Ferone, N. Fusco, L. Orsina** - *Regularity of minimizing sequences for functionals of the Calculus of Variations via the Ekeland principle*, Diff. Int. Eq. 12 (1999), 119-135
- [48] **L. Ambrosio, N. Fusco, D. Pallara** - *Higher regularity of solutions of free discontinuity problems*, Diff. Int. Eq. 12 (1999), 499-520
- [47] **N. Fusco, P. Marcellini, A. Ornelas** - *Existence of minimizers for some nonconvex one-dimensional integrals*, Portugaliae Math. 55 (1998), 167-185
- [46] **M. Carozza, N. Fusco, G. Mingione** - *Partial regularity of minimizers of quasiconvex integrals with subquadratic growth*, Ann. Mat. Pura e Appl. 175 (1998), 141-164
- [45] **E. Acerbi, I. Fonseca, N. Fusco** - *Regularity of minimizers for a class of membrane energies*, Ann. Sc. Norm. Sup. di Pisa 25 (1997), 11-25
- [44] **V. Ferone, N. Fusco** - *VMO solutions of N -laplacian with measure data*, Comptes Rendues Ac. Sc. Paris 325 (1997), 365-370
- [43] **E. Acerbi, I. Fonseca, N. Fusco** - *Regularity results for equilibria in a variational model for fracture*, Proceedings of the Royal Soc. of Edinburgh 127A (1997), 889-902
- [42] **I. Fonseca, N. Fusco** - *Regularity results for anisotropic image segmentation models*, Ann. Sc. Norm. Sup. di Pisa 24 (1997), 463-499
- [41] **L. Ambrosio, N. Fusco, D. Pallara** - *Partial regularity of free discontinuity sets II*, Ann. Sc. Norm. Sup. di Pisa 24 (1997), 39-62
- [40] **A. Dolcini, L. Esposito, N. Fusco** - *$C^{0,\alpha}$ regularity of ω -minima*, Boll. Un. Mat. It. (7), 10-A (1996), 113-125
- [39] **V. Ferone, N. Fusco** - *Continuity properties of minimizers of integral functionals in a limit case*, J. of Math. Anal. and Appl. 202 (1996), 27-52
- [38] **N. Fusco, P.L. Lions, C.Sbordone** - *Some remarks on Sobolev imbedding in borderline cases*, Proc. Amer. Math. Soc. 124 (1996), 561-565
- [37] **N. Fusco, J. Hutchinson** - *A direct proof for lower semicontinuity of polyconvex functionals*, Manuscripta Math. 87 (1995), 35-50
- [36] **E. Acerbi, N. Fusco** - *A transmission problem in Calculus of Variations*, Calculus of Variations and PDE 2 (1994), 1-16
- [35] **N. Fusco, J. Hutchinson** - *Partial regularity and everywhere continuity in a model case in nonlinear elasticity*, J. Austral. Math. Soc. 57 (1994), 1-12

- [34] **E. Acerbi, N. Fusco** - *Partial regularity under anisotropic (p,q) -growth conditions*, J. of Diff. Equat. 107 (1994), 46-67
- [33] **H. Brezis, N. Fusco, C. Sbordone** - *Integrability for the jacobian of orientation preserving mappings*, J. of Functional Analysis 115 (1993), 425-431
- [32] **N. Fusco, C. Sbordone** - *Some remarks on the regularity of minima of anisotropic integrals*, Comm. on P.D.E. 18 (1993), 153-167
- [31] **N. Fusco, J. Hutchinson** - *Partial regularity in problems motivated by nonlinear elasticity*, SIAM J. of Math. An. 22 (1991), 1516-1551
- [30] **N. Fusco, C. Sbordone** - *Local boundedness of minimizers in a limit case*, Manuscripta Math., 69 (1990), 19-26
- [29] **N. Fusco, C. Sbordone** - *Higher integrability of the gradient of minimizers of functionals with nonstandard growth conditions*, Comm. on Pure and Applied Math. 43 (1990), 673-683
- [28] **E. Acerbi, N. Fusco** - *Partial and local regularity for minimizers of integrals functionals*, Proc. of the Italian-Hispanic Conference on Nonlinear Analysis (1990)
- [27] **N. Fusco, C. Sbordone** - *Higher integrability of the gradient of minima of certain functionals*, Rend. Acc. Sc. Fis. e Mat. della Soc. Naz. di Sc. Lett. e Arti in Napoli (1990), 23-27
- [26] **E. Acerbi, N. Fusco** - *Local regularity for minimizers of nonconvex integrals*, Ann. Sc. Norm. Sup. di Pisa (4), 16 (1989), 603-636
- [25] **M. Franciosi, N. Fusco** - *$W^{2,p}$ regularity for the solutions of elliptic nondivergence form equations with rough coefficients*, Ricerche di Matematica 38 (1989), 93-106
- [24] **N. Fusco, C. Sbordone** - *Higher integrability from reverse Jensen inequality with different supports*, in P.D.E. and the Calculus of Variations: Essays in Honour of E. De Giorgi, Birkhauser (1989), 541-561
- [23] **E. Acerbi, N. Fusco** - *Regularity for minimizers of nonquadratic functionals: the case $1 < p < 2$* , J. of Math. An. and Appl. 140 (1989), 115-135
- [22] **N. Fusco, J. Hutchinson** - *Partial regularity for minimizers of certain functionals having non-quadratic growth*, Ann. Mat. Pura e Appl. (4), 155 (1989), 1-24
- [21] **M. Fuchs, N. Fusco** - *Partial regularity results for vector valued functions which minimize certain functionals having non-quadratic growth under smooth side conditions*, J. Reine und Angew. Math. 390 (1988), 67-78
- [20] **E. Acerbi, N. Fusco** - *An approximation lemma for $W^{1,p}$ functions*, in Material Instabilities in Continuum Mechanics and Related Mathematical Problems, J.M. Ball (editor), Oxford Sc. Pubbl. (1988), 1-5
- [19] **E. Acerbi, N. Fusco** - *A regularity theorem for minimizers of quasi-convex integrals*, Arch. for Rat. Mech. and Anal. 99 (1987), 261-281

- [18] **N. Fusco, G. Moscarello** - *On the homogenization of quasilinear divergence structure operators*, Ann. Mat. Pura e Appl. (4), 146 (1987), 1-13
- [17] **N. Fusco, G. Moscarello** - *Further results on the homogenization of quasilinear operators*, Ricerche di Matematica 35 (1986), 231-246
- [16] **N. Fusco, J. Hutchinson** - *Partial regularity for solutions of variational problems*, Miniconference in Geometry and P.D.E., in Proc. of the CMA 10 (1985), L. Simon-N.S. Trudinger (editors), 57-67
- [15] **N. Fusco, J. Hutchinson** - $C^{1,\alpha}$ *partial regularity of functions minimizing quasi-convex integrals*, Manuscripta Math. 54 (1985), 121-143
- [14] **B. Dacorogna, N. Fusco** - *Semi-continuité des fonctionnelles avec contraintes du type $\det Du > 0$* , Boll. Un. Mat. It. (6), 4-B (1985), 179-189
- [13] **N. Fusco** - *Minimum problems for nonconvex integrals*, Miniconference on Nonlinear Analysis, Proc. of the CMA 8 (1984), N.S. Trudinger-G.H. Williams (editors), 14-28
- [12] **N. Fusco, G. Moscarello** - *An application of duality to homogenization of quasilinear divergence structure operators*, Mem. Cl. Sc. Fis. Mat. e Nat. dell' Acc. Naz. dei Lincei (8), 17 (1984), 361-372
- [11] **E. Acerbi, N. Fusco** - *Semicontinuity problems in the Calculus of Variations*, Arch. for Rat. Mech. and Anal. 86 (1984), 125-145
- [10] **N. Fusco** - *Remarks on the relaxation of integrals of the Calculus of Variations*, in Systems of Nonlinear Partial Differential Equations, J.M. Ball (editor), D.Reidel Publ. Co. (1983), 401-408
- [9] **E. Acerbi, G. Buttazzo, N. Fusco** - *Semicontinuity and relaxation for integrals depending on vector-valued functions*, J. Math. Pures et Appl. 62 (1983), 371-387
- [8] **N. Fusco** - *On the convergence of integral functionals depending on vector-valued functions*, Ricerche di Matematica 32 (1982), 321-338
- [7] **E. Acerbi, G. Buttazzo, N. Fusco** - *Semicontinuity in L^∞ for polyconvex integrals*, Rend. Cl. Sc. Fis. Mat. e Nat. dell' Acc. Naz. dei Lincei 72 (1982), 25-28
- [6] **M. Franciosi, N. Fusco** - *A $W^{2,2}$ bound for a class of elliptic equations with discontinuous coefficients*, Ricerche di Matematica 31 (1982), 207-218
- [5] **E. Acerbi, N. Fusco** - *An introduction to Quasi-convexity*, Le Matematiche 36 (1981), 123-125
- [4] **N. Fusco, G. Moscarello** - *L^2 -lower semicontinuity of functionals of quadratic type*, Ann. Mat. Pura e Appl. (4) 129 (1981), 305-326
- [3] **N. Fusco** - *Quasi-convessità e semicontinuità per integrali multipli di ordine superiore*, Ricerche di Matematica 29 (1980), 307-323
- [2] **N. Fusco** - *Dualità e semicontinuità per integrali del tipo dell' area*, Rend. Acc. Sc. Fis. e Mat. della Soc. Naz. di Sc. Lett. e Arti in Napoli 46 (1979), 81-90
- [1] **N. Fusco** - *Γ -convergenza unidimensionale*, Boll. Un. Mat. It. (5) 16-B (1979), 74-86