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Title word cross-reference

-1 [Mil92]. 2 [GMO09b, KMW12a, MN11, MN12, MBH16]. 3
[KMvHW19, MBH16]. 3 × 3 [HM15b, HM17b]. D [MCE17, MCE18]. G
[MN99, MCE17, MCE18]. H [Tar89]. R³ [BM15, MB14]. N
[PTM82a, PTM83]. Qc [Mil16m]. R³ [BM14].

-closure [MN99, MCE17, MCE18]. -convex [Mil16m]. -dimensional
[MN11, MN12, MBH16]. -measures [Tar89]. -phase
[MN11, MN12, PTM82a, PTM83]. -printed [MCE17, MCE18].

138 [FM87a].

2-dimensional [MBH17]. 2002 [MGDV03].

3 [MCE17, MCE18]. 3-dimensional [MBH17].
abstract [Mil16c]. accelerated [VM08]. Accelerating [Mil16a]. acoustic [GMOS11, MS07, MS08b, GMOS13]. acoustics [GMO10, GMO11b, MSB08, MSB09]. Active [GMO09a, GMO09b, GMO10, GMO11b, GMO11c, GMOS11, GMO12, GMOS13]. actuators [Mil12b, Mil13c]. Adaptable [Mil12b, Mil13c]. Addendum [Mil15a, Mil13b]. adjoint [Mil16h]. algebra [Mil15b, Mil15d, Mil16l]. algorithm [VM08]. almost [MHB16, MHB17]. among [MNBM09]. amplitude [Tar89]. analysis [ACK+11, ACK+12, ACK+13c, ACK+13d, ACK+14, GMO11c, GMO12]. Analytic [Mil16b, Mil16c]. Analytical [SMD86]. Analyticity [CWM15, CM16a]. Anisotropic [LM20, Mil18b, FM09, KM86, MK95, Mil17b, Sny09]. Anomalous [ACK+13a, ACK+13b, MM18, ACK+11, ACK+12, ACK+13c, ACK+13d, ACK+14, MMO+14, MMN+14, MNMP05, MN06b, MNM+08a, MNM+08b, MMOT14, NM18b, Mil85b]. anti [MS01]. anti-plane [MS01]. antiplane [MM15, MM98, VM05]. Antisymmetric [BM10c]. application [Gra09, Mil11, Mil12a]. applications [KMW12a, Nes98]. approach [CWM16, CM16b]. Approximating [Mil17b, Mil18b]. approximation [Mil85a, Mil85b]. approximations [BM10a, BM10b, Mil84b]. arbitrary [CM94]. Areas [Gra18, Mil16g, Sha17]. arising [Ber98]. array [MM87, NM18]. arrays [MMM81]. Assemblages [Mil04b, BM03]. associated [MN06b, MNM+08a, MNM+08b, MW10a, MW10b, Mil16e, MM18]. association [Mil15b, Mil15d]. Asymptotic [MPM88]. authored [Gra18]. Average [MSM03, MMS03, BM10a, BM10b].

band [MM17a, MM17b, Mil03, Mil04a]. bands [MMM09]. bars [Mil12b, Mil12c, Mil13c, Mil13d]. based [AM89a, BM10a, BM10b, BM11a, MSM17, MSM18]. behavior [LPP09, Mil07b, Mil07c]. between [HM14b, HM15a, HM17a, Mil94, MM95]. bimode [Mil12b, Mil13c]. binary [Ber09]. Bloch [MMM09]. blow [MM17c]. bodies [BPZ+16, BPZ+17, KM14a, KM14b, MSB08, MSB09, MN11, Mil11, MN12, Mil12a]. Body [KM13, KKM11, KM12, KKM12, MT13, TM13, TM14a, TM14b, TM15, Wil09]. Book [Gra18, Sha17]. Boundary [KM13, KKM11, KM12, KKM12, Mil11, Mil12a, Mil16j, MO17, MO19].

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cable [BMMS19]. Can [MS02, BMMS19, Mil17d]. Canonical [Mil16d]. cell [SM99]. certain [MM98]. Change [BMN04, BM09b]. channel [BMMS19]. characterization [ACG+96, GMO09e, GMO11a, HM15b, HM17b, Mil88, Mil12c, Mil13d, MHB16, MHB17]. characterizing [Mil90b]. checkerboards [Mil01]. Circuits [MS08a, MS10a, MS09, MS10b]. class [Mil04a, SM99]. classes [CLM92]. Classical [Mil88]. Classifying [FM86, FM87a]. climbing [ANq16c, HMB16b, HMB16a]. CLM [Jas09]. Cloak [CCK+07a, CCK+07b]. Cloaking [GMO09a, GMO09c, MNBM09, MN06a, Mil07a, ACK+11, ACK+13c, ACK+13d, ACK+14, CM16c, CM17, GMO09b, GMO09d, GMO10, GMO11b, GMO11c, GMOS11, GMO12, MN06b, MBW06, MNM+08a, MNM+08b, MM18, NMMB07, GMOS13]. close [Mil92]. closely [MPM88]. closure [CEM05, MN99, MCE17, MCE18]. Coated [LM20, MS01, NMM93]. coefficient [BM09b]. coherent [Mil85a, Mil85b]. collections [Mil15b, Mil15d, Mil16l]. Columnar [BM10d]. combat [MMB09]. comparison [MM82]. compatible [MC93]. competition [Mil18a]. Complete [GMO09e, GMO11a, Mil97b, Mil12c, Mil13d, ACG+96, GM08a, MHB16, MCE17, MHB17, MCE18]. Complex [KKL+14, EML02, GM93, GMB99, KKL+13, Mil80, Mil81a, MM95, MB97, Mil03, Mil04a, MT13, Mil15d, Mil17c, TM13, TM15]. compliance [GM98b, MCE17, MCE18]. Component [Mil18b, CWM16, Mil81a, Mil81b, Mil81c, Mil82, MPT82, Mil17b]. Composite [KM91a, Mil92, Mil04b, BM03, BM91, Jas09, MM90, Mil80, Mil81a, Mil81c, Mil81d, MSM17, MSM18, NMM93]. Composites [AM13a, BM97, BM09a, BM10d, Gra18, Mil97a, Mil97b, Mil02, Mil16e, Mil16g, Mil18b, NMMB06, Sh17, AM13b, AM89a, BM10a, BM10b, BM11a, BM88, Ber09, BM08, BM11b, BM11c, CWM16, CLM92, Che09, CM95, EM99, GLM93, GM08a, GSM00, Gra09, HMM97, HMM11a, HMM11b, KM14a, KM14b, KM86, MM15, MM16a, MM16b, MIL82, Mil81b, Mil82, MM82, Mil84a, MG85, Mil86a, Mil87a, Mil87b, Mil88, MK88, Mil90a, Mil90b, MG90, MS00, MN11, MN12, Mil16a, Mil17b, Nesch, NMM94, PTM82b, PTM83, SM91, Sny09, VM04, VM05, VM08]. compositions [Mil84b]. computing [EM99]. Concerning [Mil81d]. conditions [GMS00]. conducting [BIT13, BMT14, Che09, FM09, Gra09, MPM88, MS00, Mil16a]. conduction [FM87b, MG85, SM91]. Conductivities [AM13a, AM13b]. Conductivity [KKL+14, LM20, ACLM88, ACLM89, BM04, CM94, FM94, KKL+13, KM86, MM82, Mil86b, Mil88, MG90, MS01, Mil01, MT13, Nes98, PTM82a, SK09, TM13, TM15]. Conference [MGDV03]. configurations [NM91]. Conjecture [ACK+09, KM08, ACK+10, Mil01, KM08]. Conjectures [Kan09, KM06a, KM06b, MK06]. connections [SK09]. conservation [MO17, MO19]. consistent [BM10a, BM10b]. Constant
constituents [BM91], constraint [BM85], contacting [SK09], continued [Mil87a, Mil87b], Continuum [MF83, MW07, Mil07b, Mil07c], convergence [MSM17, MSM18], convex [Mil16a], convexity [Mil13a, Mil15a], cooperation [MNBM09], Core [LM20], corrector [BMN04], correlating [CM95], Correlation [Mil84b, Mil84a], correlations [AM89a], correspondence [MM95], correspondences [HMM97], corresponding [Mil84b, Mil84a], could [Ano16c], coupled [MM16b, MM16c], creep [VM04, VM05], Criteria [BPZ+16, BPZ+17], crystals [MMM09], Current [BM15, BM14, MS00, MB14], cylinder [MM87], cylinders [MM87, MPM88, MMM81, NMM93].

dark [Mil20], data [EML02], defects [MMM09], deformations [Mil12c, Mil13d], degenerate [MM17a, MM17b], density [MS11], dependent [Ber09, MS11], deriving [MM82], design [BMMS19], desymmetrization [Mil16f], determinant [BMN04], determination [TM14a, TM14b], dielectric [BM11a, Mil80, MM95, NMM94, SMD86], dilational [BMK+12, BST+14, BST+15, Mil14, Mil15c], Dimensional [KM13, KKL+14, Mil18b, ACM88, BMN04, BM08, BM09b, BM11b, BM11c, BKM+12, BST+14, BST+15, Che09, CM94, CM95, FM87b, GM98b, GMO10, GMO11b, GMO11c, GMO12, KKM11, KM12, KKM12, KKL+13, KMKW18, KM91b, Mil86b, Mil88, MM95, MN11, MN12, Mil14, Mil15c, MBH16, Mil17b, MBH17, NMM07], dimensions [ACK+13a, ACK+13b, FM09, GMB99, MB97], Dirichlet [CWM15, CM16a], Dirichlet-to-Neumann [CM16a, CWM15], discontinuity [MF83], discrete [NMMB07], dispersion [MEM97], dissipation [MMO+14, MMO+16, MMOT14], dissipative [WM10a, MW10b], divergence [Mil13a, Mil13b, Mil15a], domain [MM15], Duality [HMM97], due [ACK+11, ACK+13c, ACK+13d, MNMP05, MMN+08a, MMN+08b], dynamic [HMDB16b, HMDB16c], dynamics [Wil09],
edited [Gra18, Sha17], Effect [BM09a, BM08, BM08, BM09b, Gra09, KMKW18, Mil17a, Mil88, MMS13a, MMS13b], Effective [AM13a, AM13b, AM89b, BM97, BM10c, Mil18b, ACM88, AM89a, BM03, BM10a, BM10b, BM11a, Che09, CM94, EML02, GM93, GMB99, GMS00, KM14a, KM14b, KM86, MM82, MPT82, Mil84b, Mil84a, Mil85a, Mil85b, Mil86b, Mil88, MK88, Mil90a, Mil90b, MB97, MS11, MBH16, MBH16, Mil17b, MBH17, MHB17, PTM82a, PTM82b, PTM83, SM99, Wil09], effects [MN06b], Elastic [ACK+09, ACK+10, BM03, BST+14, BST+15, HMM97, KM91b, Mil81b, Mil82, MPT82, Mil84b, Mil84a, Mil90a, MC93, MN11, Mil11, MN12, Mil12a, MBH16, MHB16, SMB09, SM99], Elasticity [Mil07a, SK09, AM89a, CLM92, FM94, HM14b, HM15a, HM17a, KMW12a, MM95, MC95, MM98, MS01, MBW06, MS11, MBH16, MHB16, MBH17, MHB17].
Elasticity-conductivity [SK09]. elastodynamic [GMO09a, MSB08, MS08b]. elastodynamics [BM03, BIT13, BMT14, CM95, Mil90a, Mil90b]. Electrical [MGG09c, KKM11, KKM12, Mil87a, Mil87b, MS07, MS08b, Mil11, Mil12a, NM91].

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Electromagnetic [MS02, MS08a, MS08b, MSB09]. Ellipsoid [BM03, BM91, BM92, GM98a, GMS00, Mil97b, Mil97c, Mil03, Mil04a, MO17, MO19, TM14a, TM14b, Mil09, BM03, Gra09, Jas09, MM81, Mil04a]. examples [BM14a, HM15c, Mil14, Mil15c]. excited [Mil16k]. exotic [Mil85b].

Expansion [Ber09]. expansions [MM16b]. explanation [Mil20]. Explicit [HM14a, HM15c]. Extending [Mil16g, Gra18, Sha17]. extension [Mil13a, Mil13b, Mil15a]. Extensions [Jas09]. exterior [BM03, BM10d, LM20, MM17c, MM17a, MM17b, MM17d, BM10a, BM10b, BM11b, BM11c, CWM16, CM16b, Mil91, MO17, MO19, Mil20]. Fields [BM15, BM14, BMT14, MM16b, MM16c, MB14]. finding [Mil16k, Mil18d, Mil18c]. Fine [Nes98]. Finite [MEM97, KMW12a]. first [FM86, FM87a, Mil85b]. first-order [FM86, FM87a, Mil85b]. fixed [MSB08, MS09]. flow [SM91]. fluid [BM85, BM92]. fluids [MF83]. folded [ACK+13a, ACK+13b, MNM+08a, MNM+08b]. fools [Mil17a]. forces [BMMS19, Mil17d]. form [MBW06]. forms [BM14a, HM15c, HM15b, HB17b, Mil16d]. fraction [KMW12b, KMW14, Mil87a, Mil87b, MM11, Mil11, NM12, Mil12a].

fractions [KMW12b, KMW14, Mil87a, Mil87b, MM11, Mil11, NM12, Mil12a].

Fractions [KMW12b, KMW14, Mil87a, Mil87b, MM11, Mil11, NM12, Mil12a].

Fractions [KMW12b, KMW14, Mil87a, Mil87b, MM11, Mil11, NM12, Mil12a].

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Gassman [BM91]. General [LM20, Gra09]. generalization [MO17, MO19].
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[ACK+13a, ACK+13b, PKM05a, PKM05b, PKM06]. Giant [BM08, BM09a].
given [MS07, MS08b]. Graeme [Gra18, Sha17, Ano16a, BCS09]. Green
[Mil16h, MO17, MO19]. grid [EM99]. group [SM00]. guaranteed
[BPZ+16, BPZ+17]. guiding [MCE17, MCE18].

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[BM08, BMM08, BM09a, BM09b, BM10c, Gra09, KMKW18, Mil17a, Mil88].
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[LM20, MS11, TM14a, TM14b]. held [MGDV03]. Helmholtz [GMO09b].
Herglotz [CM16c, CM17]. Hierarchical [Mil05, LM02]. High
[HCM16, HMC16]. High-frequency [HMC16]. highly [MPM88, Smy09].
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[BMM08, BM09b, BMN04, CEM05, HCM16, HMC16, LM02, Smy09, Tar89].
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ideal [HMDB16b, HMDB16a, Mil17d]. identities [Mil16d]. II
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[KKM08, KKL+14, KKL+13, MT13, Mil17c, TM13, TM14a, TM14b, TM15].
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[MM17a, MM17b]. information [MMM82]. inherited [GM98b].
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[MSM17, MSM18].

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key [Mil16d]. keynote [Mil04b]. Kramers [MEM97]. Kronig [MEM97].

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lecture [Mil04b]. lenses [MNM06, MNM07]. limitations [MNMP05]. limits
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[BM92, MM16b, MW07, Mil16d, MO17, MO19, VM08]. link [Mil94]. loading [VM04, VM05]. loadings [MM15]. local [CEM05]. localization [Smy09]. localized [ACK+11, ACK+12, ACK+13a, ACK+13b, ACK+13c, ACK+13d, ACK+14, MMO+14, MMO+16, MNMP05, MN06b, MMOT14, MM18]. Long [NMMB06]. lossy [MSB08, MSB09, Mil17c]. macroscopic [LPP09, Mil07b, Mil07c, Mil12c, Mil13d]. Magnetic [CCK+07a, CM95, Mil10a, Mil10b]. Magneto [BM10d, BM11b, BM11c]. Magneto-Transport [BM10d, BM11b, BM11c]. Make [MS02, Ano16c]. manipulating [PKM05a, PKM05b]. many [Mil18d, Mil18c]. map [CWM15, CM16a]. Mapping [MM98]. mass [MS11]. material [Ano16c, KM91b, Mil80, Mil81a, Mil81c, NM99]. Materials [KM13, KM91a, MC93, MS02, Mil16b, Ano16b, BT13, BMT14, BK12, EML02, FM09, Jas09, KKM11, KM12, KKM12, Mil81d, MPT82, Mil92, MMS13a, MMS13b, Mil14, Mil15c, Mil16c, MBH16, MCE17, MBH17, MCE18, MSM17, MSM18, PTM82a, SM00, SM99]. Math [Ano16b]. Mathematical [GMO11c, GMO12, MM16d, MM17d]. Mathematicians [Ano16c]. Matrices [MS07, MS08b]. Matrix [BM10c, BM10a, BM10b, BM11a]. Matrix-based [BM10a, BM10b, BM11a]. matter [Mil20]. maximize [NM91]. Maximum [Mil05]. Maxwell [CWM15, CM16a]. measured [EML02, MMM82]. measurement [KM12b, KMW14, MT13, TM13, TM15]. Measurements [KM13, KKM11, KM12, KMW12a, KKM12, Mil11, Mil12a]. measures [Tar89]. mechanical [Mil81d]. mechanics [Jas09]. Medal [BCS09]. Media [MGDV03, BM88, BM91, BM92, FM87b, GM93, GMO9, HCM16, HMC16, MM81, MM90, Mil79, Mil86b, MM95, MB97, Mil04a]. Medium [BM97, BM10a, BM10b, BM11a, Mil84b, Mil84a, Mil85a, Mil85b, MW10a, MW10b]. metamaterial [HMM11a, HMM11b, Mil17a, MS11]. metamaterials [BSTM+14, BSTM+15, KMHW19, KMKW18, Mil07b, Mil07c, Mil07a, Mil10b, Mil12b, Mil12c, Mil13c, Mil13d]. Method [KM13, KKL+14, CWM16, CM16b, KKM11, KM12, KKM12, KKL+13, Mil09a, Mil09b, Mil91, Mil16f]. methods [MM82, Mil16a, MSM17, MSM18]. Microstructures [KM91a]. Milton [BCS09, Ano16a, Gra18, Sha17]. Minimization [MS08, MS09]. minimized [CCK+07b]. minimizing [MCE17, MCE18]. Minimum [MW10a, MW10b]. Mixing [MS02]. mixtures [FM09, MBH16, MBH17]. model [SMD06]. Modeling [CM94, Mil86a]. models [Mil85b]. modifications [MW07]. moduli [ACG+96, EML02, GM93, GMO99, KM14a, KM14b, KM19b, MPT82, MK88, MB97, Mil03, Mil04a, PTM82b, PTM83]. Modulus [AM89b, GM93, GMO99, MB97, TM14a, TM14b]. Moment [ACK+09, ACK+10]. MR085235 [FM87a]. MR3078206 [Mil15a]. multi [BM11a, MS08b]. multi-phase [BM11a]. multi-terminal [MS08b]. Multicomponent [Mil87a, Mil87b, Mil81d, MG90]. multimaterial [Che09].
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[KM06a, KM06b, KM08, Kan09, MK06]. polyconvex [HM14a, HM15c].

decrystal [CM94]. Polycrystalline [NM91, FM87b]. Polycrystals
[AM89b, ACLM88, ACLM89, ACG+96]. polynomials
[HM14b, HM15a, HM17a]. Pontryagin [Mil05]. poroelasticity [Ber98],
porous [BM88, BM91, BM92]. possible
[ACG+96, Mil86a, Mil90b, MBH16, MBH17, Mil20, PTM82b]. potential
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prescribed [Mil10a, Mil10b]. pressure [MF83]. Principle [Mil05].

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[MBH16, MCE17, MBH17, MCE18]. problem
[Kan09, Mil16i, MCE17, MCE18]. problems

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[ACK+09, ACK+10]. Projection [Mil16k]. Proof [Mil01, Mil86b, MNMP05].
proofs [FM09]. Propagation [Smy09]. Properties
[MMB07, CM17, GMO11c, GMO12, MNMP05].

quadratic [HM14a, HM15c, HM15b, HM17b]. quasi
[CM16c, Mil13a, Mil15a]. quasi-convexity [Mil13a, Mil15a]. quasi-static
[CM16c]. quasiconvex [HM14a, HM15c, HM15b, HM17b]. quasiconvexity
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[MMB07, CM17, GMO11c, GMO12, MNMP05].

random [BM88]. randomly [BM11a]. range [MC93, MEM97]. Rank
[GM98b]. rational [Mil15b, Mil15d]. ratios [Mil92]. real [MM95]. Reality
[MN06a, Ano16c]. Realizability
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[Mil97b, GM98a, GMS00, Gra09, HMM97, Jas09, Mil97a, MEM97, MO17,
MO19, Mil99]. Representations [MG90]. resistivity [NM91]. resolution
[HMN11a, HMN11b, PKM05a, PKM05b]. resonance
[ACK+11, ACK+12, ACK+13a, ACK+13b, ACK+13c, ACK+13d, ACK+14,
MMN09, MMO+14, MMO+16, MNMP05, MN06b, MNM+08a, MNM+08b,
MMOT14, MM18, NMMB07]. Resonances [NMMB06]. resonant [NMM94].
respect [MMO+14, MMO+16, MMOT14]. response
[EM99, GMO09e, GMO11a, MM15, MM16a, MM16b, MM16c, MS07, MS08b,
Mil11, Mil12a, SMD86]. result [Jas09]. Results
[Mil04b, BM03, BM91, BM92, HMM97]. Review
[Gra18, Sha17, Jas09, Kan09, Mil90a]. rigid
Rigorous [KM14a, KM14b, KM91b, CWM16, CM16b, GM93, GMB99, MB97]. rocks
rope [Ano16c]. ropes [HMDB16b, HMDB16a]. rough [SK09]. route [Mil18d, Mil18c].
Satisfying [KKM08]. saturated [BM92, SMD86]. scalar [Mil03]. scale
[Smv09]. scattering [CCK+07b, Mil17c]. scheme [BM10a, BM10b, EM99, Mil85a, Mil85b]. Schrödinger [Mil16f, Mil16m].
Science [MN06a, Mil16g, BCS09, Gra18, Sha17]. searchlight [MMS13a, MMS13b]. second [MV07]. self [BM10a, BM10b, Mil16h].
series [MSM17, MSM18]. set [Mil88, Mil90b, MC93, Mil17d]. Sets [FM94, Mil94]. several [Mil15b, Mil15d]. shallow [KMW12b, KMW14].
Shapes [LM20]. Sharp [KKM11, KKM12, Mil13a, Mil13b, Mil15a]. shear [ACG+96, GBM09, MB97, TM14a, TM14b]. shell [KMW12b, KMW14].
Shtrikman [BM10a, BM10b, MW10a, MW10b]. sign [BMN04, BM09b]. Signals [MS02, SM00]. simulation [SM99]. Sixth [MGDV03]. Size
[KKL+14, KKL+13]. small [Tar89]. Snowbird [MGDV03]. Society [BCS09]. Solution [Mil97b, GM98a, MCE17, MCE18]. Solutions
[KM06b, KM08, MK06, MNM+08a, MNM+08b, Nes98]. solving [Mil16f]. Some [Mil85b]. sources [GMO10, GMO11b]. spaced [MPM88]. Special
[BCS09]. Spectral [ACK+09, ACK+10, ACK+13c, ACK+13d, ACK+14, HMM11a, HMM11b].
spectrum [Mil18d, Mil18c]. square [MM87, NMM93]. stability [LPP09, MN99]. stable [FM94, Mil94]. states [Mil16k]. static [CM16c].
statistical [Mil85b]. Stiff [Mil18a]. stiffness [KM14a, KM14b]. Strain [MSM03, MMS03, MN11, MN12]. Stress
[Jas09, MSM03, MMS03, CLM92, MN11, MN12, MCE17, MCE18]. stresses [BMMMS19]. Strong [ACK+09, BM10d, ACK+10, BM11b, BM11c].
structural [MMM82]. structure [MM17a, MM17b, Mil03, Mil04a].
Structures [ACK+09, ACK+10, LM02]. studies [MPM88, Mil79]. subspace [Mil15b, Mil15d, Mil16l]. sufficient [GMS00]. super [HMM11a, HMM11b].
super-resolution [HMM11a, HMM11b]. Superfunctions [Mil15d, Mil16l].
superlens [PKM05b, PKM06, PKM05a]. superlenses [MNMP05]. superlensing [MNMP05]. support [BMMMS19, Mil17d]. surfaces [SK09].
symmetry [HM14b, HM15a, HM17a]. synthesis [GMO09e, GMO11a]. systems [MNBM09, MM16b, MM16c, MNMB07]. Szego
[KM06a, KM06b, KM08, Kan09, KM06].
tension [BMMMS19, Mil17d]. Tensor
[ACK+09, Mil18b, ACK+10, AM89a, MS11, Mil17b]. Tensors [Mil18b, FM94, GM98b, GMS00, HM14b, HM15a, HM17a, Mil88, Mil90a, Mil90b, MC93, Mil94, MC95, Mil10a, Mil10b, MBH16, MBH16, Mil17b,
MBH17, MHB17]. terminal [MS08b]. their [Mil11, Mil12a, Mil15b, Mil15d].
theorem [Mil13a, Mil13b, Mil15a]. Theoretical [Ano16c, Mil79]. Theories
[BM97, MM81]. Theory
[Gra18, KMKW18, Mil02, Mil16g, Sha17, ACK+11, ACK+12, ACK+13c,
ACK+13d, ACK+14, BM11a, Gra09, Mil84a, Mil16e, MSM17, MSM18, Mil16k].

Thermal [MG85, Ber09, CM95, PTM82a]. thermodynamics [MC93].
thermoelastic [VM05]. their
[Mil15b, Mil15c, NMM93]. Three-Dimensional [KM13, ACLM88, BMN04, BM09b,
BM11b, BM11c, BKM+12, BST+14, BST+15, KMKW18, MB07, Mil14, Mil15c].
Three-Phase [NMMB06, NMM93]. time
[CWM15, CM16a, MM15, MW10a, MW10b]. time-harmonic
[CWM15, CM16a, MW10a, MW10b]. tool [MCE17, MCE18]. tools [Ano16b].
torsion [Mil20]. total [VM05]. touching [MM87]. Transformation
[GMOS11, GMOS13, MW10a, MW10b]. transient [MM16a]. transitions
[FM86, FM87a, Mil85b]. Translation
[KM13, KKL+14, KKM11, KM12, KKM12, KKL+13, Mil90a, Mil90b].
Transport [BM10d, MM87, MMM93, MGDV03, NMM93, BM11b, BM11c,
BM11, MMS82, MM90, Mil79, Mil81c, Mil81d, Mil82]. Transversely
[Ber98]. Travel [MS02]. travelling [HCM16, HMC16]. trusses [Mil17d].
Two [KM13, KKL+14, Mil88b, AM89a, BPZ+16, BPZ+17, BM91, BMM08,
CWM16, Che09, CM94, CM95, FM87b, FM09, GM93, GMB99, GM98b,
GMO10, GMO11b, GMO11c, GMO12, KMKW12b, KM12, KKM12,
KKL+13, KMM14, KM91b, Mil81b, Mil81b, Mil81c, Mil82, MM82, MPT82,
Mil86b, Mil88, MM95, MB07, Mil11, Mil12a, Mil17b, NMMB07, Smy09, SM00].
two-component [CWM16, Mil81a, Mil81b, Mil81c, Mil82, MPT82].
Two-Dimensional
[KKL+14, Mil88b, BMM08, Che09, CM94, CM95, FM87b, GM98b, KKM11,
KKM12, KKL+13, KM91b, Mil86b, Mil88, MM95, Mil17b, NMMB07].
two-phase [BPZ+16, BPZ+17, CM95, GM93, GMB99, KM12b, KMM12,
KM91b, Mil86b, MB07, Mil11, Mil12a]. two-scale [Smy09]. type
[ACK+11, ACK+12, ACK+13c, ACK+13d, ACK+14, MM17a, MM17b,
MW10a, MW10b]. types [Mil87a, Mil87b].

Uniformity [KKM08]. unimode [Mil12c, Mil13d]. Universal
[Mil11, Mil12a]. USA [MGDV03]. use [PTM82b]. Using [KKL+14, Mil05,
ACK+13a, ACK+13b, CM94, EM99, KM12b, KKL+13, KMM12, Mil13c].
UT [MGDV03].

value [Mil16]. variables [Mil15b, Mil15d]. Variational
[BM97, MK88, Mil16m, BM85, Mil90b, MSB08, MSB09, MW10a, MW10b].
REFERENCES

vector [Mil20]. velocity [SM00]. via [MN99, Smy09]. vis [BM10a, BM10b]. vis-à-vis [BM10a, BM10b]. Viscoelastic [BM97, GLM93, Ber09, EML02, GM93, GMB99, MM15, MM16a, MB97, VM05]. Volume [KM13, KKM11, KMW12b, KM12, KKM12, KMW14, MN11, Mil11, MN12, Mil12a, MT13, TM13, TM14a, TM14b, TM15].

W [Ano16a, BCS09, Gra18, Sha17]. wave [MM17a, MM17b, Mil03]. Wavelengths [NMMB06]. waves [HCM16, HMC16, MW10a, MW10b, Smy09]. weak [MCE17, MCE18, KM08]. webs [BMMS19, Mil17d]. Which [BIT13, BMT14, MC95, Mil13b]. while [MCE17, MCE18]. William [BCS09]. Winner [BCS09]. wire [Mil17d]. without [CCK+07a, MM17c].

zero [MS11].

References

Avellaneda:1996:CCP


Ammari:2009:PSE


Ammari:2010:PSE


**REFERENCES**


Avellaneda:1989:OBE


Alali:2013:ECTa


Alali:2013:ECTb


Anonymous:2016:GWM


Anonymous:2016:NMT


Anonymous:2016:TCR

[Ano16c] Anonymous. Theoretical climbing rope could brake falls: Now mathematicians need material to make it a reality. Univer-
REFERENCES


Berryman:2009:ISI


Berryman:1998:TIP


Berryman:2009:FDT


Briane:2013:WEF

REFERENCES


[Berryman:1985:NCV]


[Berryman:1988:MRC]


[Berryman:1991:ERG]


[Berryman:1992:ERL]


[Berryman:1997:VBE]

REFERENCES

Benveniste:2003:NER


Briane:2008:GHE


Briane:2009:GHE


Briane:2009:HTD


Benveniste:2010:EMAa


Benveniste:2010:EMAb

[BM10b] Y. Benveniste and Graeme W. Milton. The effective medium and the average field approximations vis-à-vis the Hashin–Shtrikman bounds. II. The generalized self-consistent scheme in matrix-based...


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Francfort:1994:SCE


Francfort:2009:POB


Gibiansky:1993:VCE


Gibiansky:1993:EVM

REFERENCES


Grabovsky:1998:ROP


Gibiansky:1999:EVM


GuevaraVasquez:2009:AECa


GuevaraVasquez:2009:AECb


GuevaraVasquez:2009:BECa


[GMO11c] Fernando Guevara Vasquez, Graeme W. Milton, and Daniel Onofrei. Mathematical analysis of the two dimensional active


[Grabovsky:2009:AGT]


[Grabovsky:2018:BRE]


[Harutyunyan:2016:HFHa]


[Harutyunyan:2014:EEE]


[Harutyunyan:2014:RBE]


REFERENCES


REFERENCES


REFERENCES


[KMKW18] Christian Kern, Graeme W. Milton, Muamer Kadic, and Martin Wegener. Theory of the Hall effect in three-dimensional meta-


Graeme W. Milton, Marc Briane, and John R. Willis. On cloaking for elasticity and physical equations with a transfor-

[Milton:1993:MET]

[Milton:1995:WET]

[Milton:2017:NOP]

[Milton:2018:NOP]

[MEM97]
REFERENCES


[MHB17] Graeme W. Milton, Davit Harutyunyan, and Marc Briane. Towards a complete characterization of the effective elasticity tensors


REFERENCES


REFERENCES


REFERENCES

Milton:1992:CMP


Milton:1994:LBS


Milton:1997:CMM


Milton:1997:ERC


Milton:2001:PCC


Milton:2002:TC

REFERENCES


Milton:2007:NMMa


Milton:2007:NMMb


Milton:2010:RMPa


Milton:2010:RMPb


Milton:2011:UBE


Milton:2012:UBE

Milton:2012:ANB


Milton:2012:CCM


Milton:2013:SIG


Milton:2013:SIW


Milton:2013:ANB


Milton:2013:CCM

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

approach and the analytic method by O. Mattei, Università degli Studi di Brescia.


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Milton:2017:ERG


Milton:2019:ERG


McPhedran:1988:ASC


Milton:1982:NBE


Milton:2000:BCN


Milton:2001:NCI

REFERENCES


Milton:2011:MHF


Milton:2008:MVP


Milton:2009:MVP


Milton:2003:RAS


Moulinec:2017:CIM

REFERENCES


REFERENCES

Podolskiy:2005:OSMa


Podolskiy:2005:OSMb


Podolskiy:2006:OSG


Phan-Thien:1982:NBE


Phan-Thien:1982:PUB

REFERENCES

ISSN 0731-6844 (print), 1530-7964 (electronic). URL http://jrp.sagepub.com/content/1/2/107.abstract.

Phan-Thien:1983:NTO


Sharma:2017:BRE


Sevostianov:2009:ECC


Smerek:1991:BFR


Suquet:1999:NSE

REFERENCES


REFERENCES


[Thaler:2014:EDVa]


[Thaler:2014:EDVb]


[Vinogradov:2004:BCC]


[Vinogradov:2005:TCV]


[Vinogradov:2008:AFA]

REFERENCES
