

# A Selected Bibliography of Publications by, and about, Graeme W. Milton

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## Title word cross-reference

-1 [Mil92]. 2 [GMO09a, MN12a, MN12b, GMO09b].  $G$  [MN99].  $H$  [Tar89].  
 $\mathbf{R}^3$  [BM15, MB14].  $N$  [PTM82a, PTM83].  $Q_C^*$  [Mil16l].

-closure [MN99]. -convex [Mil16l]. -dimensional [MN12a, MN12b].  
-measures [Tar89]. -phase [MN12a, MN12b, PTM82a, PTM83].

**138** [FM87a].

**2002** [MGDV03].

**87k** [FM87a].

abstract [Mil16d]. accelerated [VM08]. Accelerating [Mil16a]. acoustic  
[GM11, MS08b, GMOS13]. acoustics [GMO10, GMO11c, MSB09, GMO11d].  
Active [GMO09a, GM09, GMO09b, GMO10, GMO11c, GM11, GMO12,

GMO11d, GMOS13]. **actuators** [Mil13b]. **Adaptable** [Mil13b]. **Addendum** [Mil15b, Mil15a]. **adjoint** [Mil16g]. **algebra** [Mil15c, Mil16k]. **algorithm** [VM08]. **among** [MNBM09]. **amplitude** [Tar89]. **analysis** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, GMO12]. **Analytic** [Mil16b]. **Analytical** [SMD86]. **Analyticity** [CM16a]. **anisotropic** [FM09, KM86, MK88, MM95, Smy09]. **Anomalous** [ACK<sup>+</sup>13a, ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, MNMP05, MN06b, MNM<sup>+</sup>08, MMOT14, NMMB07, Mil85c]. **anti** [MS01b, MS01a]. **anti-plane** [MS01b, MS01a]. **antiplane** [MM98, VM05]. **Antisymmetric** [BM10c]. **application** [Gra09, Mil12a, Mil12b]. **applications** [Nes98]. **approach** [CM16b]. **approximation** [Mil85a, Mil85c, Mil85b]. **approximations** [BM10a, BM10b, Mil84b]. **arbitrary** [CM94]. **Areas** [Mil16f]. **arising** [Ber98]. **array** [MM87, NMM93]. **arrays** [MMM81]. **Assemblages** [Mil04b, BM03]. **associated** [MN06b, MNM<sup>+</sup>08, MW10, Mil16d]. **association** [Mil15c]. **Asymptotic** [MPM88]. **Average** [MSM03, MMS03, BM10a, BM10b].

**band** [Mil03, Mil04a]. **bands** [MMM09]. **bars** [Mil13b, Mil13c]. **based** [AM89a, BM10a, BM10b, BM11a]. **behavior** [LPP09, Mil07b]. **between** [HM15a, Mil94, MM95]. **bimode** [Mil13b]. **binary** [Ber09]. **Bloch** [MMM09]. **bodies** [KM14a, KM14b, MSB09, MN12a, Mil12a, MN12b, Mil12b]. **Body** [KM13a, KM13b, KKM12a, KKM12b, MT13, TM14, TM15, Wil09]. **Boundary** [KM13a, KM13b, KKM12a, KKM12b, Mil12a, Mil12b, Mil16i]. **Bounding** [MS00, KM86, Mil90a, Mil12a, Mil12b]. **Bounds** [AM89a, AM89b, BM97, BM11b, BM10d, BM11c, CM17, Che09, EML02, KMW14a, KM13a, KM13b, KKL<sup>+</sup>14, KMW14b, MM16a, MM81, Mil80, Mil81a, Mil81b, Mil81c, Mil82, MN12a, MN12b, MT13, SM00, TM15, VM04, BM10a, BM10b, BM85, CM95, FM87b, FM09, GM93, GMB99, KKM12a, KKM12b, KM14a, KM14b, Mil81d, MM82, MPT82, MK88, MB97, MN99, Mil12a, Mil12b, PTM82a, PTM82b, PTM83, MEM97]. **brake** [Ano16c]. **brief** [Mil90a]. **brine** [SMD86]. **brine-saturated** [SMD86]. **Broadband** [GMO09c, CM17]. **Bubbly** [SM91]. **Bulk** [AM89b, ACG<sup>+</sup>96, GM93].

**Can** [MS02]. **Canonical** [Mil16c]. **cell** [SM99]. **certain** [MM98]. **Change** [BMN04, BM09b]. **characterization** [ACG<sup>+</sup>96, GMO11a, Mil88, Mil13c, GMO11b]. **characterizing** [Mil90b]. **checkerboards** [Mil01]. **Circuits** [MS10a, MS08a, MS10b]. **class** [Mil04a, SM99]. **classes** [CLM92]. **Classical** [Mil88]. **Classifying** [FM86, FM87a]. **climbing** [Ano16c, HMDB16]. **CLM** [Jas09]. **cloak** [CCK<sup>+</sup>07a, CCK<sup>+</sup>07b, CCMK07]. **Cloaking** [GM09, MNBM09, MN06a, Mil07a, ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, CM17, GMO09a, GMO10, GMO11c, GM11, GMO12, MN06b, MBW06a, MBW06b, MNM<sup>+</sup>08, NMMB07, GMO09b, GMO09c, GMO11d, GMOS13]. **close** [Mil92]. **closely** [MPM88]. **closure** [CEM05a, CEM05b, MN99]. **coated**

[MS01b, MS01a, NMM93]. **coefficient** [BM09b]. **coherent** [Mil85a, Mil85c, Mil85b]. **collections** [Mil15c, Mil16k]. **Columnar** [BM10d]. **combat** [MNBM09]. **comparison** [MM82]. **Complete** [GMO11a, Mil97b, Mil13c, GMO11b, ACG<sup>+</sup>96, GM98a]. **Complex** [KKL<sup>+</sup>14, EML02, GM93, GMB99, Mil80, Mil81a, MM95, MB97, Mil03, Mil04a, MT13, TM15]. **compliance** [GM98b]. **component** [Mil81a, Mil81b, Mil81c, Mil82, MPT82]. **Composite** [KM91a, Mil92, Mil04b, BM03, BM91, Jas09, MM90, Mil80, Mil81a, Mil81c, Mil81d, NMM93]. **Composites** [BM97, BM09a, BM10d, Mil97a, Mil97b, Mil02, Mil16d, Mil16f, AM13, AM89a, BM10a, BM10b, BM11a, BM88, Ber09, BM11b, BM08, BM11c, CLM92, Che09, CM95, EM99, GLM93, GM98a, GMS00, Gra09, HMM97, HMM11, KM14a, KM14b, KM86, MM16a, MMM82, Mil81b, Mil82, MM82, Mil84a, MG85, Mil86a, Mil87a, Mil87b, Mil88, MK88, Mil90a, Mil90b, MG90, MS00, MN12a, MN12b, Mil16a, Nes98, NMM94, PTM82b, PTM83, SM91, Smy09, VM04, VM05, VM08]. **composities** [Mil84b]. **computing** [EM99]. **Concerning** [Mil81d]. **conditions** [GMS00]. **conducting** [BMT14, Che09, FM09, Gra09, MPM88, MS00, Mil16a]. **conduction** [FM87b, MG85, SM91]. **conductivities** [AM13]. **Conductivity** [KKL<sup>+</sup>14, ACLM88, ACLM89, BMN04, CM94, FM94, KM86, MM82, Mil86b, Mil88, MG90, MS01b, MS01a, Mil01, MT13, Nes98, PTM82a, SK09, TM15]. **Conference** [MGDV03]. **configurations** [NM91]. **Conjecture** [KM08, ACK<sup>+</sup>10, Mil01, KM08]. **Conjectures** [Kan09, KM06, MK06]. **connections** [SK09]. **consistent** [BM10a, BM10b]. **constant** [Mil80, TM14]. **constituents** [BM91]. **constraint** [BM85]. **contacting** [SK09]. **continued** [Mil87a, Mil87b]. **Continuum** [MF83, MW07a, MW07b, Mil07b]. **convex** [Mil16]. **convexity** [Mil13a, Mil15b, Mil15a]. **cooperation** [MNBM09]. **corrector** [BMN04]. **correlating** [CM95]. **Correlation** [Mil84b, Mil84a]. **correlations** [AM89a]. **correspondence** [MM95]. **correspondences** [HMM97]. **corresponding** [Mil84b, Mil84a]. **could** [Ano16c]. **coupled** [MM16b]. **creep** [VM04, VM05]. **crystals** [MMM09]. **Current** [BM15, MS00, MB14]. **cylinder** [MM87]. **cylinders** [MM87, MPM88, MMM81, NMM93].

**D** [GMO09a, GMO09b]. **data** [EML02]. **defects** [MMM09]. **deformations** [Mil13c]. **dependent** [Ber09]. **deriving** [MM82]. **desymmetrization** [Mil16e]. **determinant** [BMN04]. **determination** [TM14]. **dielectric** [BM11a, Mil80, MM95, NMM94, SMD86]. **dilational** [BKM<sup>+</sup>12b, BST<sup>+</sup>14, BKM<sup>+</sup>12a, Mil15d]. **Dimensional** [KM13a, KM13b, KKL<sup>+</sup>14, ACLM88, BMN04, BM11b, BMM08, BM09b, BM11c, BKM<sup>+</sup>12b, BST<sup>+</sup>14, Che09, CM94, CM95, FM87b, GM98b, GMO10, GMO11c, GMO12, BKM<sup>+</sup>12a, KKM12a, KKM12b, KM91b, Mil86b, Mil88, MM95, MN12a, MN12b, Mil15d, NMMB07, GMO11d]. **dimensions** [ACK<sup>+</sup>13a, FM09, GMB99, MB97]. **Dirichlet** [CM16a]. **Dirichlet-to-Neumann** [CM16a]. **discontinuity** [MF83]. **discrete**

[NMMB07]. **dispersion** [MEM97]. **dissipation** [MMOT14]. **dissipative** [MW10]. **divergence** [Mil13a, Mil15b, Mil15a]. **Duality** [HMM97]. **due** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, MNMP05, MNM<sup>+</sup>08]. **dynamic** [HMDB16]. **dynamics** [Wil09].

**Effect** [BM09a, BM08, BMM08, BM09b, Gra09, Mil17, Mil88, MMS13].

**Effective**

[AM13, AM89b, BM97, BM10c, ACLM88, AM89a, BM03, BM10a, BM10b, BM11a, Che09, CM94, EML02, GM93, GMB99, GMS00, KM14a, KM14b, KM86, MM82, MPT82, Mil84b, Mil84a, Mil85a, Mil85c, Mil85b, Mil86b, Mil88, MK88, Mil90a, Mil90b, MB97, PTM82a, PTM82b, PTM83, SM99, Wil09].

**effects** [MN06b]. **elastic**

[ACK<sup>+</sup>10, BM03, BST<sup>+</sup>14, HMM97, KM91b, Mil81b, Mil82, MPT82, Mil84b, Mil84a, Mil90a, MN12a, Mil12a, MN12b, Mil12b, Smy09, SM99]. **Elasticity** [Mil07a, SK09, AM89a, CLM92, FM94, HM15a, MM95, MC95, MM98, MS01b, MS01a, MBW06a, MBW06b]. **Elasticity-conductivity** [SK09].

**elastodynamic** [GMO11a, MS08b, GMO11b]. **elastodynamics**

[GM11, MW07a, MW07b, Mil07b, MSB09, GMOS13]. **electric** [BM03, BMT14, CM95, Mil10]. **Electrical** [MGDV03, KKM12a, KKM12b, Mil87a, Mil87b, MS08b, Mil12a, Mil12b, NM91]. **Electromagnetic** [MS02, MS08a, MS10a, Mil81b, Mil84b, Mil84a, MS10b, SM00].

**Electromagnetism** [Mil07a, MSB09]. **Ellipsoid** [Mil04b, BM03].

**ellipsoidal** [BM11a]. **Engineering** [BCS09]. **enhance** [PKM05]. **equation** [Mil91, Mil03, Mil16e, Mil16l]. **equations** [BM91, CM16a, GMO09a, MM95, MBW06a, MBW06b, Mil16c, Nes98, GMO09b]. **equivalence** [CLM92].

**Erratum** [FM87a]. **Eshelby**

[KM08, ACK<sup>+</sup>10, KM06, KKM08, Kan09, MK06]. **estimates** [KM91b].

**ETOPIM** [MGDV03]. **evolution** [LPP09]. **Exact**

[BM91, BM92, GM98a, GMS00, Mil97b, Mil03, Mil04b, TM14, Wil09, BM03, Gra09, Jas09, MM81, Mil04a]. **examples** [HM15b, Mil15d]. **excited** [Mil16j]. **exotic** [Mil85c]. **expansion** [Ber09]. **Explicit** [HM15b]. **Extending** [Mil16f].

**extension** [Mil13a, Mil15b, Mil15a]. **Extensions** [Jas09]. **Exterior**

[GMO9, GMO10, GMO11c, GMO11d, GMO09a, GM11, GMO12, GMO09b, GMO09c, GMOS13]. **Extraction** [MMM82]. **Extremal**

[KM91a, ACK<sup>+</sup>10, GLM93, HM15b, HM15a].

**falls** [Ano16c]. **fast** [EM99]. **Faster** [MS02]. **FFT** [Mil16a, VM08]. **fiber**

[Gra09]. **fiber-reinforced** [Gra09]. **Fiction** [MN06a]. **Field** [BM10d, MM16c, BM10a, BM10b, BM11b, BM11c, CM16b, Mil91]. **Fields**

[BM15, BMT14, MM16b, MB14]. **finding** [Mil16j]. **Fine** [Nes98]. **Finite** [MEM97]. **first** [FM86, FM87a, Mil85c]. **first-order** [FM86, FM87a, Mil85c].

**fixed** [MSB09]. **flow** [SM91]. **fluid** [BM85, BM92]. **fluids** [MF83]. **folded**

[ACK<sup>+</sup>13a, MNM<sup>+</sup>08]. **fools** [Mil17]. **form** [MBW06a, MBW06b]. **forms** [HM15b, Mil16c]. **fraction**

[KMW14a, KMW14b, Mil87a, Mil87b, MN12a, Mil12a, MN12b, Mil12b].  
**Fractions** [KM13a, KM13b, KKM12a, KKM12b]. **Frequency**  
 [Ber09, MEM97, MS08b, MSB09]. **function** [CM94, GMO11a, GMO11b].  
**Functional** [Mil16j]. **functionals** [CEM05a, CEM05b]. **functions**  
 [CM17, Mil86b, MG90, Mil15c, Mil16g, Mil16l]. **fundamental** [CM17].

**Gassman** [BM91]. **general** [Gra09]. **generalize** [Mil13a, Mil15b, Mil15a].  
**generalized** [BM10b, BM91]. **generate** [Mil86b]. **geometries** [MNM<sup>+</sup>08].  
**geometry** [ACK<sup>+</sup>13a, PKM05, PKM06]. **Giant** [BM08, BM09a]. **given**  
 [MS08b]. **Graeme** [Ano16a, BCS09]. **Green** [Mil16g]. **grid** [EM99]. **group**  
 [SM00].

**Hall** [BM08, BMM08, BM09a, BM09b, BM10c, Gra09, Mil17, Mil88].  
**Hall-effect** [Mil88]. **harmonic** [CM16a, MW10]. **Hashin**  
 [BM10a, BM10b, MW10]. **having** [TM14]. **held** [MGDV03]. **Helmholtz**  
 [GMO09a, GMO09b]. **Herglotz** [CM17]. **Hierarchical** [Mil05, LM02].  
**highly** [MPM88, Smy09]. **Holes** [MSM03, MMS03]. **homogenisation**  
 [GM98b]. **Homogenization**  
 [BMM08, BM09b, BMN04, CEM05a, CEM05b, LM02, Smy09, Tar89]. **Honor**  
 [BCS09]. **Hybrid** [MS10b]. **hydrostatic** [VM04, VM05]. **hyperbolic**  
 [MMS13]. **hyperelastic** [LPP09].

**ideal** [HMDB16]. **identities** [Mil16c]. **II**  
 [ACK<sup>+</sup>13c, ACK<sup>+</sup>14, BM10b, Mil85c, Mil87b, MB97]. **III** [GMB99].  
**implications** [LPP09]. **Inclusion** [KKM08, KKL<sup>+</sup>14, MT13, TM14, TM15].  
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 [MGDV03, KM14a, KM14b, MM81, Mil79, MSB09]. **interactions**  
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 [MMM81]. **Introduction** [BCS09]. **invariance** [Jas09]. **Invariant**  
 [CLM92, MBW06a, MBW06b]. **Inverse** [MM90, Mil16h]. **Isotropic**  
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**July** [MGDV03].

**key** [Mil16c]. **keynote** [Mil04b]. **Kramers** [MEM97]. **Kronig** [MEM97].

**Lagrangian** [GM98b]. **laminated** [Wil09]. **Laminates**  
 [Mil05, CM94, LPP09, Mil86b, Mil86a]. **lamination** [FM94, Mil94, MN99].  
**Laplace** [GMO09a, GMO09b]. **law** [MW07a, MW07b]. **layers** [Ber98].  
**lecture** [Mil04b]. **lenses** [MNM07]. **limitations** [MNMP05]. **limits** [CM17].  
**linear** [BM92, MW07a, MW07b, Mil16c, VM08]. **link** [Mil94]. **loading**

[VM04, VM05]. **local** [CEM05a, CEM05b]. **localization** [Smy09]. **localized** [ACK<sup>+</sup>13a, ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, MNMP05, MN06b, MMOT14]. **lossy** [MSB09].

**macroscopic** [LPP09, Mil07b, Mil13c]. **magnetic** [CCMK07, CM95, Mil10]. **Magneto** [BM10d, BM11b, BM11c]. **Magneto-Transport** [BM10d, BM11b, BM11c]. **Make** [MS02, Ano16c]. **manipulating** [PKM05]. **map** [CM16a]. **Mapping** [MM98]. **material** [Ano16c, KM91b, Mil80, Mil81a, Mil81c, NMM93]. **Materials** [KM13a, KM13b, KM91a, MS02, Ano16b, BMT14, BKM<sup>+</sup>12b, EML02, FM09, Jas09, BKM<sup>+</sup>12a, KKM12a, KKM12b, Mil81d, MPT82, Mil92, MMS13, Mil15d, Mil16b, PTM82a, SM00, SM99]. **math** [Ano16b]. **Mathematical** [GMO12, MM16c]. **mathematicians** [Ano16c]. **matrices** [MS08b]. **Matrix** [BM10c, BM10a, BM10b, BM11a]. **matrix-based** [BM10a, BM10b, BM11a]. **maximize** [NM91]. **Maximum** [Mil05]. **Maxwell** [CM16a]. **measured** [EML02, MMM82]. **measurement** [KMW14a, KMW14b, MT13, TM15]. **Measurements** [KM13a, KM13b, KKM12a, KKM12b, Mil12a, Mil12b]. **measures** [Tar89]. **mechanical** [Mil81d]. **mechanics** [Jas09]. **Medal** [BCS09]. **Media** [MGDV03, BM88, BM91, BM92, FM87b, GM93, GMB99, MM81, MM90, Mil79, Mil86b, MM95, MB97, Mil04a]. **Medium** [BM97, BM10a, BM10b, BM11a, Mil84b, Mil84a, Mil85a, Mil85c, Mil85b, MW10]. **metamaterial** [HMM11, Mil17]. **metamaterials** [BST<sup>+</sup>14, Mil07b, Mil10, Mil13b, Mil13c]. **Method** [KM13a, KM13b, KKL<sup>+</sup>14, CM16b, KKM12a, KKM12b, Mil90a, Mil90b, Mil91, Mil16e]. **methods** [MM82, Mil16a]. **microgeometries** [Mil84b, Mil84a]. **Microgeometry** [BM88]. **Microstructure** [LPP09, Mil97a]. **Microstructures** [KM91a]. **Milton** [BCS09, Ano16a]. **Minimization** [MSB09]. **minimized** [CCK<sup>+</sup>07a, CCK<sup>+</sup>07b]. **Minimum** [MW10]. **Mixing** [MS02]. **mixtures** [FM09]. **model** [SMD86]. **Modeling** [CM94, Mil86a]. **models** [Mil85c]. **modifications** [MW07a, MW07b]. **moduli** [ACG<sup>+</sup>96, EML02, GM93, GMB99, KM14a, KM14b, KM91b, MPT82, MK88, MB97, Mil03, Mil04a, PTM82b, PTM83]. **Modulus** [AM89b, GM93, GMB99, MB97, TM14]. **moment** [ACK<sup>+</sup>10]. **MR0865235** [FM87a]. **MR3078206** [Mil15b]. **multi** [BM11a, MS08b]. **multi-phase** [BM11a]. **multi-terminal** [MS08b]. **Multicomponent** [Mil87a, Mil87b, Mil81d, MG90]. **multimaterial** [Che09]. **Multiphase** [BM10d, FM87b]. **myriad** [Mil97a].

**Necessary** [GMS00]. **need** [Ano16c]. **negative** [KM14a, KM14b]. **negative-stiffness** [KM14a, KM14b]. **networks** [GMO11a, Mil87a, Mil87b, MS08b, GMO11b]. **Neumann** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, CM16a]. **Neutral** [MS01b, MS01a]. **neutrality** [MMM09]. **Newton** [MW07a, MW07b]. **Newtonian** [Kan09]. **no.** [FM87a]. **Non** [CCMK07, CEM05a, CEM05b, Mil16g, VM08].

**non-linear** [VM08]. **Non-local** [CEM05a, CEM05b]. **Non-magnetic** [CCMK07]. **non-self-adjoint** [Mil16g]. **nonlinear** [MS00, Mil13b]. **Nonmagnetic** [CCK<sup>+</sup>07a, CCK<sup>+</sup>07b]. **Normalization** [BM85]. **notion** [Mil13a, Mil15b, Mil15a]. **null** [GM98b]. **null-Lagrangian** [GM98b]. **Numerical** [SM99, EM99, HMM97].

**Object** [MM16c]. **one** [GM98b, KMW14a, KMW14b]. **ones** [MM98]. **Opaque** [MNM07]. **operator** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14]. **operators** [Mil16g]. **Optical** [MGDV03, NMM94, Mil81c]. **Optimal** [AM89b, CM95, FM87b, MN99, FM09]. **Optimizing** [Mil05, PKM05, PKM06]. **order** [FM86, FM87a, Mil85c, PTM83]. **oriented** [BM11a]. **orthotropic** [HM15a]. **Other** [Mil16f, BM03, Mil81b]. **overall** [LPP09]. **overview** [SK09].

**Pairs** [KKM08, MSM03, MMS03, MM87, MN12a, MN12b]. **partially** [NMM94]. **particles** [MNB09]. **passive** [CM17]. **Patterns** [MM16c]. **perfect** [MNM07]. **periodic** [Mil03, Mil04a, Mil13c, Smy09]. **permeability** [BM85, Mil10]. **permittivity** [Mil81a, Mil10]. **perspective** [Mil16i]. **phase** [ACLM88, ACLM89, BM11a, CM95, FM86, FM87a, GM93, GMB99, KMW14a, KMW14b, KM91b, Mil86b, MB97, MN12a, Mil12a, MN12b, Mil12b, NMM93, PTM82a, PTM83, SM00]. **phase-interchange** [ACLM88, ACLM89]. **phases** [KM14a, KM14b]. **phenomena** [MMOT14]. **Phenomenon** [Mil07a]. **photonic** [Mil04a]. **Phys.** [FM87a]. **physical** [MBW06a, MBW06b]. **physics** [Mil85c, Mil16c]. **Piezoelectric** [Mil04b, BM03]. **pivots** [Mil13b, Mil13c]. **planar** [ACG<sup>+</sup>96, HMM97, MM98]. **plane** [CLM92, MM95, MS01b, MS01a]. **plasmonic** [MNB09]. **Plate** [MSM03, MMS03]. **Platonic** [MMM09]. **plus** [GM98b]. **Poincaré** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14]. **Poincaré-type** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14]. **point** [AM89a]. **Poisson** [Mil92]. **polarizable** [NMMB07]. **Pólya** [KM06, KM08, Kan09, MK06]. **polyconvex** [HM15b]. **polycrystal** [CM94]. **Polycrystalline** [NM91, FM87b]. **Polycrystals** [AM89b, ACLM88, ACLM89, ACG<sup>+</sup>96]. **polynomials** [HM15a]. **Pontryagin** [Mil05]. **poroelasticity** [Ber98]. **porous** [BM88, BM91, BM92]. **possible** [ACG<sup>+</sup>96, Mil86b, Mil90b, PTM82b]. **potential** [Kan09, Mil85a, Mil85c, Mil85b]. **Prager** [BCS09]. **prescribed** [Mil10]. **pressure** [MF83]. **Principle** [Mil05]. **principles** [MSB09, MW10, Mil16l]. **problem** [Kan09, Mil16h]. **problems** [MM90, MM98, Mil16j]. **Proceedings** [MGDV03]. **Progress** [ACK<sup>+</sup>10]. **Projection** [Mil16j]. **Proof** [Mil01, Mil86b, MNMP05]. **proofs** [FM09]. **Propagation** [Smy09]. **Properties** [MGDV03, Mil04b, Mil05, BM03, CLM92, Che09, CM95, GLM93, MM81, MMM82, MM87, Mil79, Mil81b, Mil81c, Mil81d, MMM81, Mil82, Mil84b, Mil84a, Mil86a, Nes98, NMM93, NMM94, SM99]. **Property** [KKM08, GM98b].

**quadratic** [HM15b]. **quasi** [Mil13a, Mil15b, Mil15a]. **quasi-convexity** [Mil13a, Mil15b, Mil15a]. **quasiconvex** [HM15b]. **quasiconvexity** [Mil94]. **Quasistatic** [NMMB07, CM17, GMO12, MNMP05].

**random** [BM88]. **randomly** [BM11a]. **range** [MEM97]. **Rank** [GM98b]. **rational** [Mil15c]. **ratios** [Mil92]. **real** [MM95]. **Reality** [MN06a, Ano16c]. **Realizability** [BM15, BKM<sup>+</sup>12b, BKM<sup>+</sup>12a, Mil10, MB14]. **Realizable** [MSM03, MS08b, MMS03, BMT14, Mil85a, Mil85c, Mil85b, Mil88, MC95]. **recursion** [CM16b, Mil91]. **refinement** [EM99]. **reflection** [CCMK07]. **regime** [GMO12, MNMP05]. **reinforced** [Gra09]. **reiterated** [LM02]. **relation** [HM15a, SM91]. **Relations** [Mil97b, GM98a, GMS00, Gra09, HMM97, Jas09, Mil97a, MEM97, Wil09]. **Representations** [MG90]. **resistivity** [NM91]. **resolution** [HMM11, PKM05]. **resonance** [ACK<sup>+</sup>13a, ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, MNBM09, MNMP05, MN06b, MNM<sup>+</sup>08, MMOT14, NMMB07]. **resonant** [NMM94]. **respect** [MMOT14]. **response** [EM99, GMO11a, MM16a, MM16b, MS08b, Mil12a, Mil12b, SMD86, GMO11b]. **result** [Jas09]. **Results** [Mil04b, BM03, BM91, BM92, HMM97]. **review** [Jas09, Kan09, Mil90a]. **rigid** [Mil13b, Mil13c]. **Rigorous** [KM14a, KM14b, KM91b, CM16b, GM93, GMB99, MB97]. **rocks** [SMD86]. **ropes** [Ano16c]. **ropes** [HMDB16]. **rough** [SK09].

**Satisfying** [KKM08]. **saturated** [BM92, SMD86]. **scalar** [Mil03]. **scale** [Smy09]. **scattering** [CCK<sup>+</sup>07a, CCK<sup>+</sup>07b]. **scheme** [BM10a, BM10b, EM99, Mil85a, Mil85c, Mil85b]. **Schrödinger** [Mil16e, Mil16f]. **Science** [MN06a, Mil16f, BCS09]. **searchlight** [MMS13]. **second** [MW07a, MW07b]. **self** [BM10a, BM10b, Mil16g]. **self-adjoint** [Mil16g]. **self-consistent** [BM10a, BM10b]. **Semiconductor** [Mil17]. **Sensitivity** [MMOT14]. **sequential** [CM94]. **set** [Mil88, Mil90b]. **Sets** [FM94, Mil94]. **several** [Mil15c]. **shallow** [KMW14a, KMW14b]. **Sharp** [KKM12a, KKM12b, Mil13a, Mil15a, Mil15b]. **shear** [ACG<sup>+</sup>96, GMB99, MB97, TM14]. **shell** [KMW14a, KMW14b]. **Shtrikman** [BM10a, BM10b, MW10]. **sign** [BMN04, BM09b]. **Signals** [MS02, SM00]. **simulation** [SM99]. **Sixth** [MGDV03]. **Size** [KKL<sup>+</sup>14]. **small** [Tar89]. **Snowbird** [MGDV03]. **Society** [BCS09]. **Solution** [Mil97b, GM98a]. **Solutions** [KM08, MK06, MNM<sup>+</sup>08, Nes98]. **solving** [Mil16e]. **Some** [Mil85c]. **sources** [GMO10, GMO11c, GMO11d]. **spaced** [MPM88]. **Special** [BCS09]. **Spectral** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, HMM11]. **square** [MM87, NMM93]. **stability** [LPP09, MN99]. **stable** [FM94, Mil94]. **states** [Mil16j]. **statistical** [Mil85c]. **stiffness** [KM14a, KM14b]. **Strain** [MSM03, MMS03, MN12a, MN12b]. **Stress** [Jas09, MSM03, MMS03, CLM92, MN12a, MN12b]. **Strong** [BM10d, ACK<sup>+</sup>10, BM11b, BM11c]. **structural** [MMM82]. **structure** [Mil03, Mil04a]. **structures** [ACK<sup>+</sup>10, LM02]. **studies** [MPM88, Mil79].



**subspace** [Mil15c, Mil16k]. **sufficient** [GMS00]. **super** [HMM11].  
**super-resolution** [HMM11]. **Superfunctions** [Mil16k]. **superlens**  
 [PKM05, PKM06]. **superlenses** [MNMP05]. **superlensing** [MNMP05].  
**surfaces** [SK09]. **symmetry** [HM15a]. **synthesis** [GMO11a, GMO11b].  
**systems** [MNBM09, MM16b, NMMB07]. **Szego**  
 [KM06, KM08, Kan09, MK06].

**tensor** [ACK<sup>+</sup>10, AM89a]. **tensors**  
 [FM94, GM98b, GMS00, HM15a, Mil88, Mil90a, Mil90b, Mil94, MC95, Mil10].  
**terminal** [MS08b]. **their** [Mil12a, Mil12b, Mil15c]. **theorem**  
 [Mil13a, Mil15b, Mil15a]. **Theoretical** [Ano16c, Mil79]. **Theories**  
 [BM97, MM81]. **Theory** [Mil02, Mil16f, ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14,  
 BM11a, Gra09, Mil84a, Mil16d, Mil16j]. **Thermal**  
 [MG85, Ber09, CM95, PTM82a]. **thermoelastic** [VM08]. **thermoelectric**  
 [CEM05a, CEM05b]. **thermomechanics** [BM92]. **thin** [AM13, Ber98].  
**thin-interphase** [AM13]. **third** [PTM83]. **third-order** [PTM83]. **Three**  
 [KM13a, KM13b, ACK<sup>+</sup>13a, ACLM88, BMN04, BM11b, BM09b, BM11c,  
 BKM<sup>+</sup>12b, BST<sup>+</sup>14, BKM<sup>+</sup>12a, MB97, Mil15d, NMM93].  
**Three-Dimensional** [KM13a, KM13b, ACLM88, BMN04, BM11b, BM09b,  
 BM11c, BKM<sup>+</sup>12b, BST<sup>+</sup>14, BKM<sup>+</sup>12a, Mil15d]. **three-phase** [NMM93].  
**time** [CM16a, MW10]. **time-harmonic** [CM16a, MW10]. **tools** [Ano16b].  
**total** [VM05]. **touching** [MM87]. **Transformation**  
 [GM11, GMOS13, MBW06a, MBW06b]. **transient** [MM16a]. **transitions**  
 [FM86, FM87a, Mil85c]. **Translation**  
 [KM13a, KM13b, KKL<sup>+</sup>14, KKM12a, KKM12b, Mil90a, Mil90b]. **Transport**  
 [BM10d, MM87, MMM81, MGDV03, NMM93, BM11b, BM11c, MM81,  
 MMM82, MM90, Mil79, Mil81c, Mil81d, Mil82]. **Transversely** [Ber98].  
**Travel** [MS02]. **Two** [KM13a, KM13b, KKL<sup>+</sup>14, AM89a, BM91, BMM08,  
 Che09, CM94, CM95, FM87b, FM09, GM93, GMB99, GM98b, GMO10,  
 GMO11c, GMO12, KMW14a, KKM12a, KKM12b, KMW14b, KM91b,  
 Mil81a, Mil81b, Mil81c, Mil82, MM82, MPT82, Mil86b, Mil88, MM95, MB97,  
 Mil12a, Mil12b, NMMB07, Smy09, SM00, GMO11d]. **two-component**  
 [Mil81a, Mil81b, Mil81c, Mil82, MPT82]. **Two-Dimensional**  
 [KKL<sup>+</sup>14, BMM08, Che09, CM94, CM95, FM87b, GM98b, KKM12a,  
 KKM12b, KM91b, Mil86b, Mil88, MM95, NMMB07]. **two-phase**  
 [CM95, GM93, GMB99, KMW14a, KMW14b, KM91b, Mil86b, MB97, Mil12a,  
 Mil12b]. **two-scale** [Smy09]. **type** [ACK<sup>+</sup>13b, ACK<sup>+</sup>13c, ACK<sup>+</sup>14, MW10].  
**types** [Mil87a, Mil87b].

**Uniformity** [KKM08]. **unimode** [Mil13c]. **Universal** [Mil12a, Mil12b].  
**USA** [MGDV03]. **use** [PTM82b]. **Using**  
 [KKL<sup>+</sup>14, Mil05, ACK<sup>+</sup>13a, CM94, EM99, KMW14a, KMW14b, Mil13b].  
**UT** [MGDV03].

**value** [Mil16i]. **variables** [Mil15c]. **Variational** [BM97, MK88, Mil16l, BM85, Mil90b, MSB09, MW10]. **velocity** [SM00]. **via** [MN99, Smy09]. **vis** [BM10a, BM10b]. **vis-à-vis** [BM10a, BM10b]. **Viscoelastic** [BM97, GLM93, Ber09, EML02, GM93, GMB99, MM16a, MB97, VM05]. **Volume** [KM13a, KM13b, KMW14a, KKM12a, KKM12b, KMW14b, MN12a, Mil12a, MN12b, Mil12b, MT13, TM14, TM15]. **W** [Ano16a, BCS09]. **wave** [Mil03]. **waves** [MW10, Smy09]. **Weak** [KM08]. **Which** [BMT14, MC95]. **William** [BCS09]. **Winner** [BCS09]. **without** [CCMK07].

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