

A Bibliography of Publications of Nicholas Ian Gould

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Abstract

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Saddle [DGSW06, DGSW10, GS10, DGSW05, DGSW07, GS09, GOR14, GOP16]. **Saddle-Point** [DGSW06, DGSW10, DGSW05, DGSW07, GOR14]. **safe** [GOT03c, GOT15]. **Scale** [CGT89b, CGT90b, CGT92j, CGT92f, DLG94, FGS25, ACD⁺93, BCG⁺97a, BCG⁺97b, CGT89c, CGT90a, CGT90c, CGT92g, CGT92e, CGT93, CGT94c, CGT94d, CGT96, DDLG96, DDLG97, FGS24, Gou91a, Gou99b, GT00, GT02a, GT02b, GOT03c, GLT04b, GOT05, GOR13]. **scaling** [DGP94]. **scheme** [CGLT94]. **Schmidt** [GGM⁺84]. **Scientific** [DMW06]. **SDIF** [CGT91d]. **search** [ACD⁺93, Gou86, GOP16]. **Secant** [FGS25]. **Second** [CGT15, GR10a, GR10b, CGT12b,

CGT94a, GT99, GR12]. **second-derivative** [GR12]. **Second-Order** [CGT15, CGT12b, CGT94a, GT99]. **seismic** [GM81]. **Selected** [DMW06]. **semi** [CG86, CG87]. **semi-definite** [CG86]. **semi-infinite** [CG87]. **Sensitivity** [GOST05]. **Separable** [DLG94, CGT94c, CGLT94, DDLG96, DLG97, DDLG97]. **September** [DGDG97b]. **sequential** [Gou89]. **Set** [Gou03, GT02a]. **Sharp** [CGT20]. **SIAM** [CGT89a]. **SifDec** [GOT03b]. **Simple** [CGT91e, CGT88a, CGT88b, CGT89a, CGT92c, CGT92h, CGT92i, CGT97b, CGT97a, CGT97c, Gou86, Gou88]. **slack** [CGT94b]. **Smooth** [CGT12d, CGT13a]. **Solution** [DLG95, DLG96, DDLG96, DDLG97, GHN01, GM81, Gou83b, GOST02, GS03, GS04, GHS05a, GHS05b, GSH07]. **solutions** [Gou85]. **Solve** [DLG94]. **Solvers** [DGSW06, GHS05a, GHS05b, GSH07, SHG04]. **Solving** [DDG98, GLRT99, BDG94, CGT88b, Gou88, GT03a, GT07, GRT10]. **Some** [Gou03]. **space** [GGM⁺82a, GGM⁺82b]. **spaces** [CGL20]. **Sparse** [DLG96, GS98, ADGR90, DGR⁺90, DGR⁺91, FGS24, GS03, GS04, GHS05a, GHS05b, GSH07, SHG04]. **Special** [GLT04b]. **Spectral** [GS09, GS10]. **SQP** [FGL⁺02, GT00, GT03c, GR10a, GR10b, GR12, GLR15]. **SQP-filter** [FGL⁺02, GT03c]. **Squares** [CGT14b, CGT15, BCG⁺10, CGT09, CGT13b, FGS24, GLT04a, GT07]. **stability** [Gou83b, Urs25]. **standard** [CGT89c, CGT90c, CGT91d]. **State** [DMW06, DW97, Gou03]. **Steepest** [CGT10, Gou83a, Gou84a, Gou84b]. **Step** [GLR14, GR12]. **Stretching** [DDG98]. **structure** [CGT90a, CGT94b]. **structured** [ADD⁺94, CGT92b, CGST94a, CGST96b, DLG95, DDG99]. **subject** [CGT00a]. **subproblem** [GLRT99]. **subproblems** [BGNW04, CGT94a, GRT10]. **Subspace** [CGST94b, DDG99, CGST96c]. **Subspace-by-subspace** [DDG99]. **Successive** [BGNW05, BGNW03]. **Superlinear** [GOST01]. **Supplement** [CGT97c]. **survey** [CGT94d]. **symmetric** [CGT91c, DGR⁺90, DGR⁺91, GS03, GS04, GHS05a, GHS05b, GSH07, SHG04]. **Systems** [DLG96, DDG98, DGSW06, DGSW10, ADD⁺94, BDG94, DLG95, DDG99, DGP94, GR89, Gou99a, Gou00, GOST02, GS03, GS04, GHS05a, GHS05b, GSH07, GOR14, KGW00].

techniques [GS98]. **Technology** [Ame94]. **Testing** [BCGT93, BCGT95, CGT88b, GOT03b, GOT15]. **tests** [CGT92d]. **their** [GOST05]. **theory** [GLT04b]. **thread** [GOT03c]. **thread-safe** [GOT03c]. **threads** [GOT15]. **three** [Gou88]. **Topics** [DG00]. **topology** [BBG⁺12]. **Toulouse** [DGDG97b]. **Trajectory** [GOR13]. **Trajectory-following** [GOR13]. **Trust** [CGT09, CGT00b, BGG15, CGT88a, CGT89a, CGT92b, CGST93d, CGST94a, CGST96b, CGOT00, FGL⁺02, GN98, GLRT99, GT03a, GT03c, GST05, GOST05, GT06, GT07, GRT10, GR12]. **Trust-region** [CGT09, CGT00b, CGOT00, FGL⁺02, GN98, GLRT99, GT03c, GOST05, GT06, GRT10]. **trust-region-free** [GR12]. **two** [CGST93b, CGST93a, CGST93c]. **type** [GOP16].

Unassembled [DLG96, DDG98]. **Unconstrained** [BCGT93, BCGT95, CGT10, CGT11a, CGT11b, CGT12b, CGT12c, DDLG97, GLRT98, GLRT00, GOT03b, GST05, GOT15]. **Unified** [GLR14]. **uniqueness** [Gou85]. **update** [CGT91c]. **Updating** [GPT12]. **USA** [Ame94]. **Use** [ADGR90, DLG94, DDG98, DAGR87]. **Using** [CGT15, DLG96, DGSW05, DGSW07, FGS25, BBG⁺12, BGNW04,

CGT92b, CGST93d, CGST94a, CGT94b, CGT94a, CGST96b, DLG95, DDLG96, DDLG97, FGS24, GS98, GLRT99].

value [GN98]. **variables** [CGT88b, CGT94b]. **via** [Gou88].

Weighted [GGM⁺84]. **without** [GT10, GT12]. **working** [GT02a]. **working-set** [GT02a]. **Workshop** [DMW06, DGDG97b]. **World** [Ame94]. **Worst** [CGT20, CGT11b]. **Worst-Case** [CGT20, CGT11b].

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