

# A Bibliography of Publications of Tim Hopkins

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## Abstract

This bibliography records publications of Tim Hopkins.

## Title word cross-reference

$AXB^T + CXD^T = E$  [54].

**2-Point** [4].

**539** [56].

**705** [54]. **77** [54].

**830** [56].

**Acceleration** [53, 58]. **ACM** [55, 43]. **ADI** [12]. **Algebra** [48, 47]. **Algorithm** [13, 15, 32, 45, 55, 56, 54, 63, 64].

**Algorithms** [35, 36, 22, 27, 30, 43, 44].

**ANSI** [16]. **Applied** [53, 58, 44, 63, 64].

**Approximants** [11]. **approximate** [55].

**Arrays** [29, 28]. **AS030** [64]. **AS057** [63].

**AS135** [13]. **AS188** [14]. **AS193** [15].

**ASR49** [13]. **assignment** [55].

**B** [6]. **B-spline** [6]. **BASIC** [8, 16]. **Basis** [6]. **Better** [18]. **Boundary** [4].

**C** [55]. **Calculations** [29, 28]. **Case** [65].

**Christoffel** [5]. **Clusters** [48, 47, 51].

**Coefficients** [11]. **Collocation** [3].

**Comment** [52, 61]. **Comparative** [33, 34].

**Comparison** [53, 58, 1, 2, 3]. **Computer** [66].

**computers** [62]. **Configurable** [21, 25, 26, 42].

**Conjugate** [49, 50].

**Conjugate-Gradient** [49].

**Conjugate-Gradients** [50]. **Corrections** [10].

**coverage** [57]. **Cumulative** [43, 44].

**Data** [23, 24]. **Data-flow** [23, 24]. **defining** [11].

**Dependence** [14]. **Determining** [5].

**Developments** [66]. **Difference** [4].

**Differential** [38, 39, 1, 2, 3]. **Dimensional** [12, 25, 26].

**Distributing** [28, 29].

**Economical** [4]. **Eigenvalue** [29, 28].

**Eispack** [61, 52]. **Elliptic** [12, 22, 25, 26, 27]. **environments** [51].  
**Epsilon** [52, 61]. **equation** [54]. **Equations** [12, 33, 34, 35, 36, 37, 38, 39, 40, 41, 46, 60, 22, 25, 26, 27, 1, 2, 3, 10, 23, 24, 59, 62].  
**Estimates** [13]. **Estimation** [14].  
**Evolution** [65]. **Exploiting** [18].

**Family** [4]. **far** [31]. **Finite** [4]. **Fitting** [31]. **flow** [23, 24]. **Fortran** [55, 54, 60, 10].  
**Fortran-77** [54]. **Functions** [6].

**G** [55]. **Galerkin** [3, 6]. **Generally** [21, 25, 26, 42]. **Givens** [56]. **GMRES** [46, 59]. **Gradient** [49]. **Gradients** [50].  
**Graphical** [20]. **Graphics** [17, 18, 31].  
**GRASP** [55]. **Guide** [60, 19].

**Half** [64]. **Half-Normal** [64]. **Hopscotch** [22, 12, 27].

**Implementation** [17, 46, 21, 25, 26, 42, 59].  
**Improving** [57]. **Index** [30, 43, 44].  
**Interface** [20]. **Interpolation** [9].  
**Iterative** [33, 34, 40, 41, 46, 60, 62, 59].

**Kufarev** [5].

**L** [55]. **LAPACK** [57]. **Library** [19].  
**Linear** [33, 34, 35, 36, 37, 40, 41, 46, 48, 60, 22, 27, 13, 10, 23, 24, 47, 59, 4, 62]. **Lines** [3].

**M** [55]. **Machine** [52, 61]. **Math** [55].  
**Matrix** [29, 28, 54]. **Max** [13]. **Method** [46, 53, 58, 3, 5, 59]. **Methods** [12, 33, 34, 40, 41, 49, 50, 60, 1, 2, 4, 6, 19, 62].  
**Microprocessors** [7]. **Min** [13]. **Min-Max** [13]. **Minimal** [16]. **Mixed** [12]. **modified** [56]. **MR** [55]. **Multidimensional** [63].  
**Multigrid** [21, 25, 26, 42]. **Multiple** [13].

**NAG** [19, 31]. **Nets** [34]. **Network** [25, 26].  
**Networks** [33, 38, 39, 40, 41, 50, 21, 42]. **no** [55]. **Non** [4]. **Non-linear** [4].

**Nonsymmetric** [46, 59]. **Normal** [64].  
**Note** [4]. **Numerical** [7, 1, 2, 19].

**Order** [4, 14]. **Overrelaxation** [35, 36].

**P** [55]. **package** [60, 62, 54]. **Pade** [11].  
**Parabolic** [12]. **Parallel** [35, 36, 37, 38, 39, 40, 41, 46, 49, 50, 60, 22, 27, 62, 51, 59].  
**Parameters** [5]. **Pardalos** [55]. **Partial** [38, 39, 1, 2, 3]. **PBASIC** [8, 16].  
**Peripheral** [12]. **PIM** [60, 62]. **Pitsoulis** [55]. **Plotting** [64]. **Point** [4]. **Portable** [7].  
**Porting** [47, 48]. **Power** [11]. **Practice** [19].  
**Preconditioned** [49, 50]. **Printing** [63].  
**Problems** [13, 4, 55]. **Program** [16].  
**programming** [51]. **Provide** [18].

**quadratic** [55]. **Quadrature** [6].  
**Quasilinear** [1, 2].

**Rational** [9]. **Regression** [13]. **Reliable** [9]. **Remark** [13, 32, 45, 63, 64, 54, 55, 56].  
**Resende** [55]. **respect** [11]. **Restarted** [46, 59]. **Revised** [15]. **Routine** [52, 61].  
**Routines** [31]. **Rules** [6].

**S** [55]. **Schwarz** [5]. **Schwarz-Christoffel** [5]. **Science** [66]. **Sensitivity** [11].  
**Sequences** [14]. **Series** [11]. **Sets** [10].  
**Sixth** [4]. **Software** [18, 7, 65, 55, 54].  
**Solution** [37, 38, 39, 40, 41, 22, 25, 26, 27, 1, 2, 10, 24, 62, 55]. **Solutions** [23]. **Solve** [33, 34]. **solving** [54]. **Some** [6, 34]. **SOR** [53, 58]. **sparse** [55]. **Spectral** [15]. **Spline** [31, 6]. **standard** [56]. **Statistical** [30].  
**Statistics** [44, 63, 64]. **Story** [31]. **Study** [33, 34, 65]. **Subroutines** [48, 10, 47, 55].  
**Sylvester** [54]. **Systems** [33, 34, 35, 36, 37, 40, 41, 46, 60, 23, 24, 59, 62].

**Tables** [63]. **Teaching** [66]. **Techniques** [53, 58]. **Term** [12]. **Test** [15, 57]. **their** [11].  
**Three** [25, 26]. **Three-Dimensional** [25, 26]. **Toeplitz** [10]. **Toolpack** [17, 20].

**Toolpack/1** [17, 20]. **Tools** [18]. **Trans** [55]. **transformations** [56]. **Transputer** [33, 34, 38, 39, 40, 41, 50, 21, 25, 26, 42, 23, 24, 29, 28]. **Transputers** [48, 47]. **Triangular** [37]. **Two** [12].

**Use** [17]. **User** [60]. **Using** [51, 6, 33, 34, 40, 41, 22, 27, 55].

**Value** [4]. **Verifier** [8, 16]. **version** [60]. **visit** [56].

**Workstation** [17, 18, 31]. **Workstations** [48, 47, 51].

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