

1 MultiPrecisionArrays.jl: A Julia package for iterative  
2 refinement

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5 **Summary**

6 What is iterative refinement?

7 **Statement of need**

8 Who cares?

9 **Mathematics**

10  $Ax = b$

11 **Test citations**

12 Kelley ([2022](#))

13 **References**

14 Kelley, C. T. (2022). *Solving Nonlinear Equations with Iterative Methods: Solvers and Examples*  
15 *in Julia*. SIAM. ISBN: 978-1-611977-26-4