# Article Title

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Institution Name
Email: EmailA

***Abstract*—Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.**

***Index Terms*—Article, IEEE, template**

## Introduction

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$$D_{coll} = \frac{D_f + \frac{[S]^2}{K_D S_T} D_S}{1 + \frac{[S]^2}{K_D S_T}}, D_{sm} = \frac{D_f + \frac{[S]}{K_D} D_S}{1 + \frac{[S]}{K_D}}, \quad (1)$$

## I. other

This section is used testing that the packages perform as expected regardless of the template in hand.

### A. General

Here is some text referencing some eq. (2) and fig. 1.

$$\alpha = \sqrt{\beta} \quad (2)$$

### B. Acronyms

This is an example in how to referring an acronym Institute of Electrical and Electronics Engineers (IEEE)

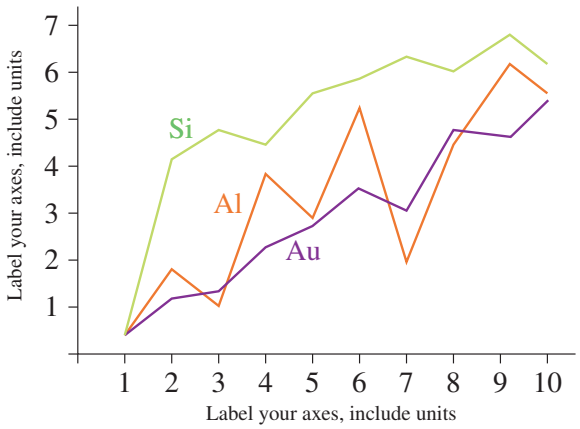


Fig. 1. Simulation Results

## References

[1] S. T. Abedon, P. Hyman, and C. Thomas, "Experimental examination of bacteriophage latent-period evolution as a response to bacterial availability," *Applied and Environmental Microbiology*.

[2] A. Bertram and R. Wentworth, "Gromov invariants for holomorphic maps on Riemann surfaces," vol. 9, no. 2, pp. 529–571.