

# MIT MATHLETS

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HOME ABOUT APPLETS COURSES ACTIVITIES FORUM

WELCOME!



Welcome to the MIT Interactive Mathematics Site!

Here you will find a suite of dynamic Java applets for use in learning about differential equations and other mathematical subjects, along with examples of how to use them in homework, group work, or lecture demonstration, and some of the underlying theory.  
We welcome your contributions, through the forum.



**RECENT POSTS:**

- > New Videos Added!
- > New calculus Mathlets!
- > Taylor Polynomials in Aerospace Engineering
- > Stability in Aero-Astro
- > TEAL Meets the Mathlets

**RECENT COMMENTS:**

- > Dan on TEAL Meets the Mathlets
- > Bill on Stability in Aero-Astro

## Module 3: Mathlets in Homework

Haynes Miller, Professor of Mathematics, MIT

### Module Objective:

- Describe the use of Mathlets in homework

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## Using Mathlets in Homework

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- Be precise in your instructions
- Demonstrate the Mathlet in class before asking your students to use it.

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## Virtues of Mathlets

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8. Students learn best when they can work with the Mathlets themselves. There is a lot to be said for the power of kinesthetic learning.
  
9. Interaction with a computer offers more focused and effective feedback on student performance: intrinsic rather than extrinsic.
  
10. The Mathlets support transfer.