

# Fall 2011 Welcome

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# How the duties of Stiles were divided

- Blackwelder got the scheduling of Basic Math Classes and Instructors
- Kirby got the scheduling of Teaching Assistants and became Chair of the Goodner committee
- Kutter coordinates MAC1140 and got the Basic Math seat on the curriculum committee
- Dodaro coordinates MAC2233 and Grigorian coordinates MAC1114
- Bellenot does the Software, ie the Grid Program.
- Stiles still does the Leach Center

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The basic problem: Displaying mathematics is hard. How to go from  $\text{\LaTeX}$  to the web?

How does one go from

`$$e^{i \pi} = -1$$`

to

$$e^{i\pi} = -1$$

An MAA project which uses javascript commands to directly translate latex or MathML to ANY browser with javascript enabled. One needs to add only one line (broken into 4 lines below) to the HTML header.

```
<script type="text/javascript"  
  src="http://cdn.mathjax.org/mathjax/latest/  
MathJax.js?config=TeX-AMS-MML_HTMLorMML">  
</script>
```

# MathML Support has Skyrocketed

- **MathJax also supports MathML**
- Firefox has supported for MathML for a while; support greatly improved in the spring
- Safari support for MathML arrived this summer.
- IE sucks: very slow javascript, but there is a free Math Player plugin that does MathML.

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# MathML is not human writeable

```
<!--l. 7--><p class="noindent" >
<!--tex4ht:inline--></p><!--l. 7--><math
  xmlns="http://www.w3.org/1998/Math/MathML" display
  <msu
><mi
>e</mi></mrow><mrow
><mi
>i</mi><mi
>&#x03C0;</mi></mrow></msup
> <mo
class="MathClass-rel">=</mo> <mo
class="MathClass-bin">&#x2212;</mo><mn>1</mn>
</math>
<!--l. 7--><p class="nopar" >
</p>
```