

# *The New MathDL*

MAA Mathematics Digital Library

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**CMC<sup>3</sup>-South Mini-conference**

**Santa Monica**

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# National Science Digital Library

The National Science, Technology, Engineering, and  
Mathematics Education Digital Library

An NSF Program begun in 2000

[nsdl.org](http://nsdl.org)

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# *Math Collections in NSDL*

- CAUSEWeb
  - Ethnomathematics Digital Library
  - iLumina
  - Math Forum
  - MathWorld
  - NSDL Middle School Portal
  - MathDL
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# *MathDL (May 2008)*

- *The Journal of Online Mathematics and its Applications*
  - *Digital Classroom Resources*
  - *Convergence*
  - MAA Writing Awards
  - MAA Reviews
  - *Classroom Capsules and Notes*
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# *Math Gateway (May 2008)*

- NSDL Pathway Project for Math
- Search over partner resources
- *Math in the News*
- *On this day*
- *My Library*
  - Identify and comment on particular resources
  - Enable discussions with small number of users
  - Share My Library information with selected others



# *The New MathDL*

- Search over partner resources
- Math in the News
- On this day
- *Loci*: A new online publication combining
  - Journal of Online Mathematics and its Applications*
  - Digital Classroom Resources*
  - Convergence*
- MAA Writing Awards



# *Removed from MathDL*

- MAA Reviews
- Classroom Capsules and Notes

These components are restricted to MAA members and subscribers. They are part of the MAA general web site, MAA Online



# *NSDL Model*

NSDL



Pathway Projects



Collections & Services





# *Current Pathway Projects*

- AMSER: Applied Math and Science
  - BEN: Biological Science
  - ChemEdDL: Chemistry
  - ComPADRE: Physics and Astronomy
  - CSERD: Computational Science Education Resources (SHODOR)
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## *Current Pathway Projects (cont.)*

- Engineering Pathway: Engineering Education Resources  
MatDL: Materials Education and Research
- **MathDL**
- SMILE Pathway: Science and Math Informal Educators



# *MathDL Partners*

- *Loci*
  - *MAA Writing Awards*
  - *MathResources, Inc*
  - *Math Forum*
  - *PlanetMath*
  - *MathWorld*
  - *Connected Curriculum Project*
  - *iLumina Digital Library*
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## *MathDL Partners (cont.)*

- The Mathematics Survey
  - Virtual Libraries in Probability and Statistics
  - National Curve Bank
  - [causeweb.org](http://causeweb.org)
  - Demos with Positive Impact
  - NSDL Middle School Portal
  - WeBWorK
  - Eduworks
  - [webODE](#) (getting underway)
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# *MathDL examples*

- *On This Day*
  - *MAA Writing Awards*
  - *Loci*
  - *Loci Convergence*
  - *Loci Resources*
  - *Flash and Math*
  - *JOMA*
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*Have fun!*

Thank you!

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