

Name of Product/Version: AMS Electronic Journals – Revised interface as of October 2022

Report Date:

10/12/2022

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Product Description:

AMS peer-reviewed journals have published mathematical research of the highest quality since 1891. Led by prominent editors and providing a broad coverage of all areas of mathematics, AMS journals are a must-have resource for any serious research library collection. For all AMS journals, the online version is considered the version of record (some journals are also available in print).

The journals site provides full-text html abstracts, book reviews, links to MathSciNet reviews, editorials boards, and links to author biographies in MathSciNet.

Notes:

The following VPAT refers specifically to HTML pages in the AMS journals environment - <https://www.ams.org/journals>

Evaluation Methods Used:

The AMS Journals environment was evaluated using Chrome on a Windows 10 desktop computer. Assistive technologies used in this evaluation include the following tools to navigate and operate the site content and functionality.

- WAVE Evaluation Tool. WAVE is a web accessibility evaluation tool developed by WebAIM.org. It provides visual feedback about the accessibility of your web content by injecting icons and indicators into your page. Ref: <https://wave.webaim.org/>
- Silktide Disability simulator for the web. This is a Chrome plugin that simulates using the web with a range of disabilities, including: Dyslexia, Color blindness, Myopia, blindness. Ref: <https://silktide.com/resources/toolbar/>
- Mobile simulator - responsive testing tool, Smartphone and tablet simulator on computer with several models to test mobile responsive websites. Ref: <https://www.webmobilefirst.com/>.
- WCAG Color contrast checker. Tests the site's color contrast according to WCAG accessibility requirements. It checks the color contrast between the foreground and background of the elements that are in the page according to the WCAG 2. Ref: Offered by Jorge Rumoroso.
- Lighthouse is an open-source, automated tool for improving the quality of web pages. You can run it against any web page, public or requiring authentication. It has audits for performance, accessibility, progressive web apps, SEO and more. Ref: <https://developer.chrome.com/docs/lighthouse/overview/>

“Voluntary Product Accessibility Template” and “VPAT” are registered service marks of the Information Technology Industry Council (ITI)

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.

Table 1: Success Criteria, Level A

Note: The following table reports on the success criteria of html pages in the AMS journals environment. This report does not speak to full-text pdf articles.

Note: When filling in the WCAG tables, a response may use 'Supports' where one might otherwise be inclined to use 'Not Applicable'. This is in keeping with [WCAG 2.0 Understanding Conformance](#): This means that if there is no content to which a success criterion applies, the success criterion is satisfied.

Criteria	Conformance Level	Remarks and Explanations
<u>1.1.1 Non-text Content (Level A)</u>	Supports	The site provides sufficient text alternatives for most instances of non-text content.
<u>1.2.1 Audio-only and Video-only (Prerecorded) (Level A)</u>	Supports	The site does not contain prerecorded audio-only or video- only media.
<u>1.2.2 Captions (Prerecorded) (Level A)</u>	Supports	The site does not contain prerecorded audio-only or video- only media.
<u>1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)</u>	Supports	The site does not contain prerecorded audio-only or video- only media.
<u>1.3.1 Info and Relationships (Level A)</u>	Supports	The site content is presented in a meaningful sequence.
<u>1.3.2 Meaningful Sequence (Level A)</u>	Supports	The site content is presented in a meaningful sequence.
<u>1.3.3 Sensory Characteristics (Level A)</u>	Partially Supports	On occasion, an author may refer to an image in an article in terms of its position: Left, right, above, below.
<u>1.4.1 Use of Color (Level A)</u>	Partially Supports	Most of the site content is presented using a color palette that meets color contrast guidelines. There are instances where due to our branding guidelines, we provide a low, or very low, contrast between the font color and background color. We anticipate addressing this issue in calendar year 2023.

<u>1.4.2 Audio Control (Level A)</u>	Supports	
<u>2.1.1 Keyboard (Level A)</u>	Supports	
<u>2.1.2 No Keyboard Trap (Level A)</u>	Supports	
<u>2.2.1 Timing Adjustable (Level A)</u>	Supports	
<u>2.2.2 Pause, Stop, Hide (Level A)</u>	Supports	
<u>2.3.1 Three Flashes or Below Threshold (Level A)</u>	Supports	
<u>2.4.1 Bypass Blocks (Level A)</u>	Supports	
<u>2.4.2 Page Titled (Level A)</u>	Supports	
<u>2.4.3 Focus Order (Level A)</u>	Supports	
<u>2.4.4 Link Purpose (In Context) (Level A)</u>	Supports	
<u>3.1.1 Language of Page (Level A)</u>	Supports	
<u>3.2.1 On Focus (Level A)</u>	Supports	
<u>3.2.2 On Input (Level A)</u>	Supports	
<u>3.3.1 Error Identification (Level A)</u>	Supports	

<u>3.3.2 Labels or Instructions (Level A)</u>	Supports	See https://www.ams.org/epubsearch for example.
<u>4.1.1 Parsing (Level A)</u>	Supports	
<u>4.1.2 Name, Role, Value (Level A)</u>	Partially Supports	Where applicable, most of the site content is presented to meet this criterion. Some area like our search page https://www.ams.org/epubsearch for example needs additional work. We anticipate addressing this issue in calendar year 2023.

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, the criteria are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

Table 2: Success Criteria, Level AA

Note: The following table reports on the success criteria of html pages in the AMS journals environment. This report does not speak to full-text pdf articles.

Note: When filling in the WCAG tables, a response may use 'Supports' where one might otherwise be inclined to use 'Not Applicable'. This is in keeping with [WCAG 2.0 Understanding Conformance](#): This means that if there is no content to which a success criterion applies, the success criterion is satisfied.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	The site does not contain prerecorded audio-only or video-only media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	The site does not contain prerecorded video content that would require audio description.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	Most of the site content is presented using a color palette that meets color contrast guidelines. There are instances where due to our branding guidelines, we provide a low, or very low, contrast between the font color and background color. We anticipate addressing this issue in calendar year 2023.
1.4.4 Resize text (Level AA)	Supports	
1.4.5 Images of Text (Level AA)	Supports	
2.4.5 Multiple Ways (Level AA)	Supports	
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Supports	
3.1.2 Language of Parts (Level AA)	Supports	

3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	
3.3.3 Error Suggestion (Level AA)	Does not support	When referring specifically to functionality of the AMS eContent Search system
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	