eBook Collections Accessibility Conformance Report
WCAG Edition
(Based on VPAT® Version 2.4)
Prepared by the Information Services Department

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Name of Product/Version: AMS eBook Collections – Revised interface as of October 2022

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Product Description:

The AMS has maintained one of the world's most respected mathematical book publishing programs for over 100 years. AMS eBook Collections present our book series in digital format, allowing for convenient access throughout your library or institution. Our Collections are DRM-free and offer a number of library-friendly features, making them easy to acquire and convenient for patrons.

The eBook Collections site provides electronic backfile collections, PDF previews, full volume PDFs, table of contents, AMS eContent search, and links to purchase individual titles from the AMS bookstore.

Notes:

The following VPAT refers specifically to HTML pages in the AMS eBook environment - https://www.ams.org/publications/ebooks/ebooks

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/

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.

- **Not Applicable:** The criterion is not relevant to the product.

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
1.1.1 Non-text Content (Level A)	Supports	The site provides sufficient text alternatives for instances of non-text content.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not applicable	The site does not contain prerecorded audio-only or video- only media.
1.2.2 Captions (Prerecorded) (Level A)	Not applicable	The site does not contain prerecorded audio-only or video- only media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not applicable	The site does not contain prerecorded audio-only or video- only media.
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Supports	The site content is presented in a meaningful sequence.
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	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.

1.4.2 Audio Control (Level A)	Not Applicable	The site does not contain audio that plays automatically.
2.1.1 Keyboard (Level A)	Supports	Site functionality can be accessed and operated using a keyboard.
2.1.2 No Keyboard Trap (Level A)	Supports	The site does not include keyboard traps.
2.2.1 Timing Adjustable (Level A)	Not Applicable	The site does not include time limits.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	The site does not include elements that move, blink, scroll, or auto-update.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	The site does not contain flashing content.
2.4.1 Bypass Blocks (Level A)	Supports	A site contains a link to skip to main content.
2.4.2 Page Titled (Level A)	Supports	The site's webpage has a title.
2.4.3 Focus Order (Level A)	Supports	
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from the link text alone or from the programmatic context of the link.
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Does not support	Changes of context occur automatically on user input when selecting a year or volume.
3.3.1 Error Identification (Level A)	Supports	

3.3.2 Labels or Instructions (Level A)	Partially Supports	Labels are not provided for all the site's input fields.
4.1.1 Parsing (Level A)	Supports	
4.1.2 Name, Role, Value (Level A)	Supports	Where applicable, name and role can be programmatically determined.

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)**	Not applicable	The site does not contain prerecorded audio-only or video-only media.
1.2.5 Audio Description (Prerecorded) **(Level AA)**	Not applicable	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	Text can be resized up to 200 percent without loss of content or functionality.
1.4.5 Images of Text **(Level AA)**	Partially Supports	Most site content uses text instead of images of text, with the exception of: • A "Powered by MathJax" badge
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	All focusable elements have a visible keyboard focus indicator.
3.1.2 Language of Parts **(Level AA)**	Supports	
3.2.3 Consistent Navigation **(Level AA)**	Supports	Navigation is consistent across multiple web pages.
3.2.4 Consistent Identification **(Level AA)**	Supports	Components with the same functionality are identified consistently across all pages.
3.3.3 Error Suggestion **(Level AA)**	Supports	
3.3.4 Error Prevention (Legal, Financial, Data) **(Level AA)**	Supports	