

**Home Page**

**The ASME Digital Collection**

Founded in 1880 as the American Society of Mechanical Engineers, ASME is the premier professional membership organization for more than 127,000 mechanical engineers and associated members worldwide. ASME also conducts one of the world's largest technical publishing operations in the world, offering thousands of titles including some of the profession's most prestigious journals, conference proceedings, and ASME Press books.

The ASME Digital Collection, previously known as The ASME Digital Library, is ASME's repository of current and archival literature featuring:

- ASME's Transaction Journals from 1960 to the present.
- ASME's Conference Proceedings from 2002 to the present.
- ASME Press eBooks selected from 1993 to the present.

**Logo****URL**

<https://asmedigitalcollection.asme.org/>

**Subject**

Mechanical engineering - Bibliography

**Accessibility**

On subscription basis

**Language**

English

**Publisher**

The American Society of Mechanical Engineers

**Brief History**

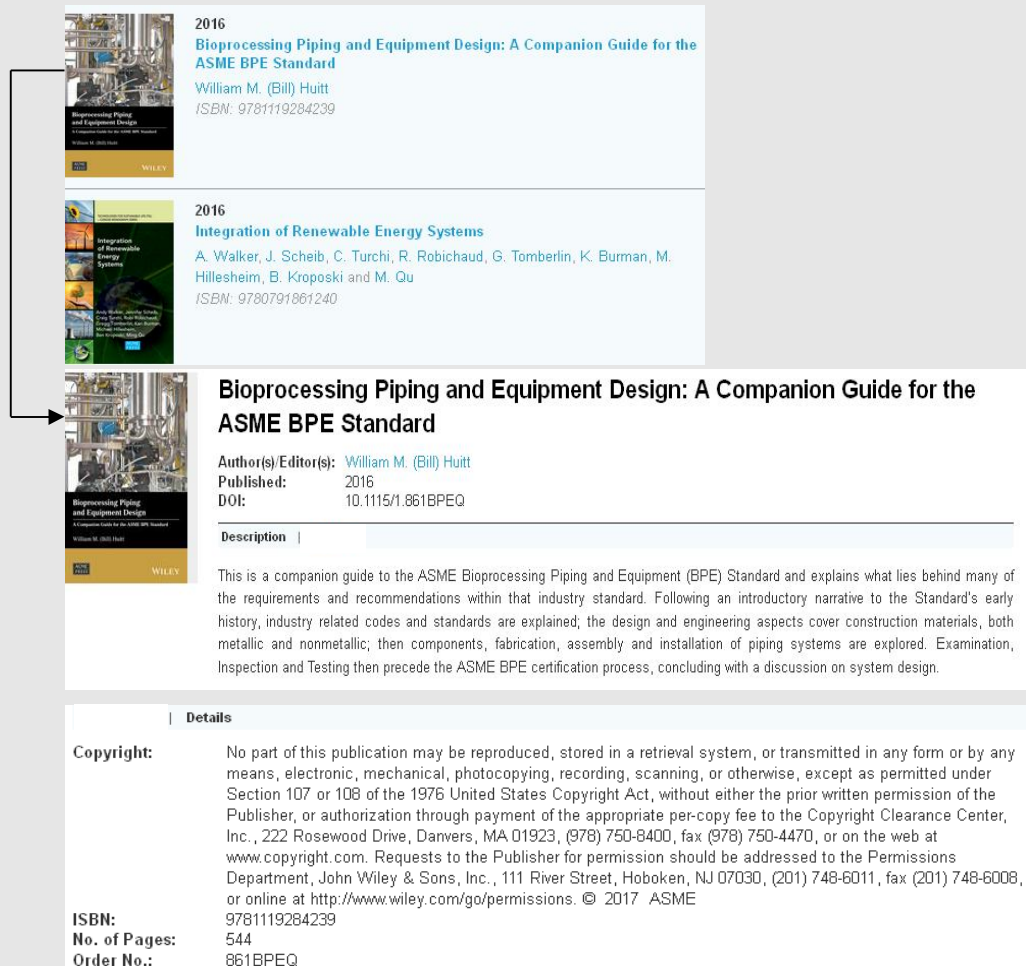
ASME was founded in 1880 by Alexander Lyman Holley, Henry Rossiter Worthington, John Edison Sweet and Matthias N. Forney in response to numerous steam boiler pressure vessel failures.

**Scope and Coverage**

The ASME Digital Collection, previously known as The ASME Digital Library, is ASME's repository of current and archival literature. It covers ASME's Transaction Journals from 1960 to the present, ASME's Conference Proceedings from 2002 to the present, ASME Press eBooks selected from 1993 to the present.

## Kind of Information

For e-books this tool provides general bibliographic information like title, author(s) or editor(s) name, publisher details, ISBN, DOI, page no(s), copyright details, price etc. Short description and cover page image also available with each entry. An example is given below.



2016  
**Bioprocessing Piping and Equipment Design: A Companion Guide for the ASME BPE Standard**  
William M. (Bill) Huitt  
ISBN: 9781119284239

2016  
**Integration of Renewable Energy Systems**  
A. Walker, J. Scheib, C. Turchi, R. Robichaud, G. Tomberlin, K. Burman, M. Hillesheim, B. Kroposki and M. Qu  
ISBN: 9780791861240

**Bioprocessing Piping and Equipment Design: A Companion Guide for the ASME BPE Standard**  
Author(s)/Editor(s): William M. (Bill) Huitt  
Published: 2016  
DOI: 10.1115/1.861BPEQ

**Description**

This is a companion guide to the ASME Bioprocessing Piping and Equipment (BPE) Standard and explains what lies behind many of the requirements and recommendations within that industry standard. Following an introductory narrative to the Standard's early history, industry related codes and standards are explained; the design and engineering aspects cover construction materials, both metallic and nonmetallic; then components, fabrication, assembly and installation of piping systems are explored. Examination, Inspection and Testing then precede the ASME BPE certification process, concluding with a discussion on system design.

**Details**

**Copyright:** No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, except as permitted under Section 107 or 108 of the 1976 United States Copyright Act, without either the prior written permission of the Publisher, or authorization through payment of the appropriate per-copy fee to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, (978) 750-8400, fax (978) 750-4470, or on the web at [www.copyright.com](http://www.copyright.com). Requests to the Publisher for permission should be addressed to the Permissions Department, John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, (201) 748-6011, fax (201) 748-6008, or online at <http://www.wiley.com/go/permissions>. © 2017 ASME

**ISBN:** 9781119284239  
**No. of Pages:** 544  
**Order No.:** 861BPEQ

For conference proceedings bibliographic information includes name of editors/authors, name/title of proceeding, date, year and place of conference, ISBN etc. An example is given below for clear understanding.

ASME 2016 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference  
**Volume 4: 21st Design for Manufacturing and the Life Cycle Conference; 10th International Conference on Micro- and Nanosystems**  
August 21–24, 2016, Charlotte, North Carolina, USA  
ISBN: 978-0-7918-5014-5

ASME 2016 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference  
**Volume 5A: 40th Mechanisms and Robotics Conference**  
August 21–24, 2016, Charlotte, North Carolina, USA  
ISBN: 978-0-7918-5015-2

Also in case of journals bibliographic information like title, name of editor(s), frequency, scope, ISSN, e-ISSN, CODEN and about journal are available.

With bibliographic information newest issue, other older issues also present. An example is given below for clear understanding.



### Journal of Applied Mechanics

**Newest Issue:** (April 2017, Volume 84, Issue 4)

---

**Issues In Progress:**  
[April 2017, Volume 84, Issue 4](#)

---

[Email Alerts](#)

---

[View Issue Table of Contents](#)

---

[View Accepted Manuscripts](#)

---

[Browse All Issues](#)

**About This Journal**

The purpose of the Journal of Applied Mechanics is to serve as a vehicle for the communication of original research results of permanent interest in all branches of mechanics. The majority of the papers published in the journal are full-length articles of considerable depth. Comments on published papers may be submitted in the form of discussion, which is subject to a rebuttal by the author.

---

**Editor:** [Yonggang Huang](#)  
 Northwestern University  
[View Full Editorial Board](#)

**Frequency: Monthly (2015)**

**Scope:** All areas of theoretical and applied mechanics are covered, including but not limited to: aerodynamics; aeroelasticity; biomechanics; boundary layers; composite materials; computational mechanics; constitutive modeling of materials; dynamics; elasticity; experimental mechanics; flow and fracture; heat transport in fluid flows; hydraulics; impact; internal flow; mechanical properties of materials; mechanics of shocks; micromechanics; nanomechanics; plasticity; stress analysis; structures; thermodynamics of materials and in flowing fluids; thermo-mechanics; turbulence; vibration; wave propagation; and any related areas.

---

ISSN: 0021-8936  
 eISSN: 1528-9036  
 CODEN: JAMCAV

### Special Features

- Library service center with e-mail alert service available.
- Lists of new books available.
- Links to social networking sites like Facebook, Twitter etc.
- Contact and feedback option present.

### Arrangement Pattern

Under option ‘Browse by title’ entries are arranged in alphabetical order. e.g.:

	<p><b>Advances in Multidisciplinary Engineering</b></p> <p>Author(s)/Editor(s): S. Jahanmir, N. Saka, C. Tucker and S.-G. Kim                  Published: 2016                  ISBN: 9780791861090</p>
	<p><b>Air Engines: The History, Science, and Reality of the Perfect Engine</b></p> <p>Author(s)/Editor(s): Theodor Finkelstein and Allan J. Organ                  Published: 2009                  ISBN: 9780791801710</p>
	<p><b>All Hazards Risk and Resilience: Prioritizing Critical Infrastructure Using the RAMCAP Plus Approach</b></p> <p>Author(s)/Editor(s): ASME ITI, LLC                  Published: 2009                  ISBN: 9780791802878</p>

Similarly, under option 'Browse by series' entries are arranged in alphabetical order. And under the option 'Browse by subject' subjects are arranged in alphabetical order and again within a particular subject entries are arranged in alphabetical order.

***Remarks***

Founded in 1880 as the American Society of Mechanical Engineers, ASME is the premier professional membership organization for more than 127,000 mechanical engineers and associated members worldwide. ASME also conducts one of the world's largest technical publishing operations in the world, offering thousands of titles including some of the profession's most prestigious journals, conference proceedings, and ASME Press books.

***Comparable Tools***

- Cambridge Core ( <https://www.cambridge.org/core> )
- IEEE Xplore ( <http://ieeexplore.ieee.org/Xplore/home.jsp> )

***Date of Access***

February 8, 2017