

ASME 이용 매뉴얼

AMERICAN
SOCIETY OF
MECHANICAL
ENGINEERS

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1. 출판사 소개 및 수록내용
2. ASME 메인 화면
3. Browse by Journal/Proceedings/eBook
4. Search in ASME (일반 검색, 상세검색)

□ 출판사 소개

기계공학 관련 한 American Society of Mechanical Engineers(ASME)는 Technical ,educational and research issue를 추구하는 세계적인 Engineering Society 입니다.

□ URL : <http://asmedigitalcollection.asme.org/>

□ 수록내용

Journals

- 주제분야 : 기계공학
- 제공연도 : 1960 ~ 현재
- 제공종수 : 31종 + AMR Journal(Applied Mechanics Reviews journal)

2. ASME 메인 화면

로그인

Sign In

Journals ▾ Conference Proceedings ▾ eBooks Standards Topic Collections Resources ▾

Search...

All Content ▾



Advanced Search

일반 검색 및 상세 검색

The ASME Digital Collection

ASME's authoritative, online reference of current and archival literature. It provides unparalleled depth, breadth, and quality of peer-reviewed content including journals, conference proceedings and ASME Press books. [Read more...](#)

Featured Content



J. Eng. Sustain.
Bldgs.



ASME Letters
Sys.



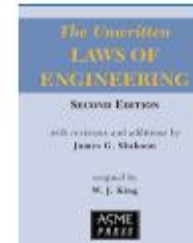
International Mechanical
Engineering
Congress & Exposition



IDETC/CIE



New Online Guide



New Edition

Featured Content
Newest Content
Topic Collections
등 ASME 정보 제공

Newest Content

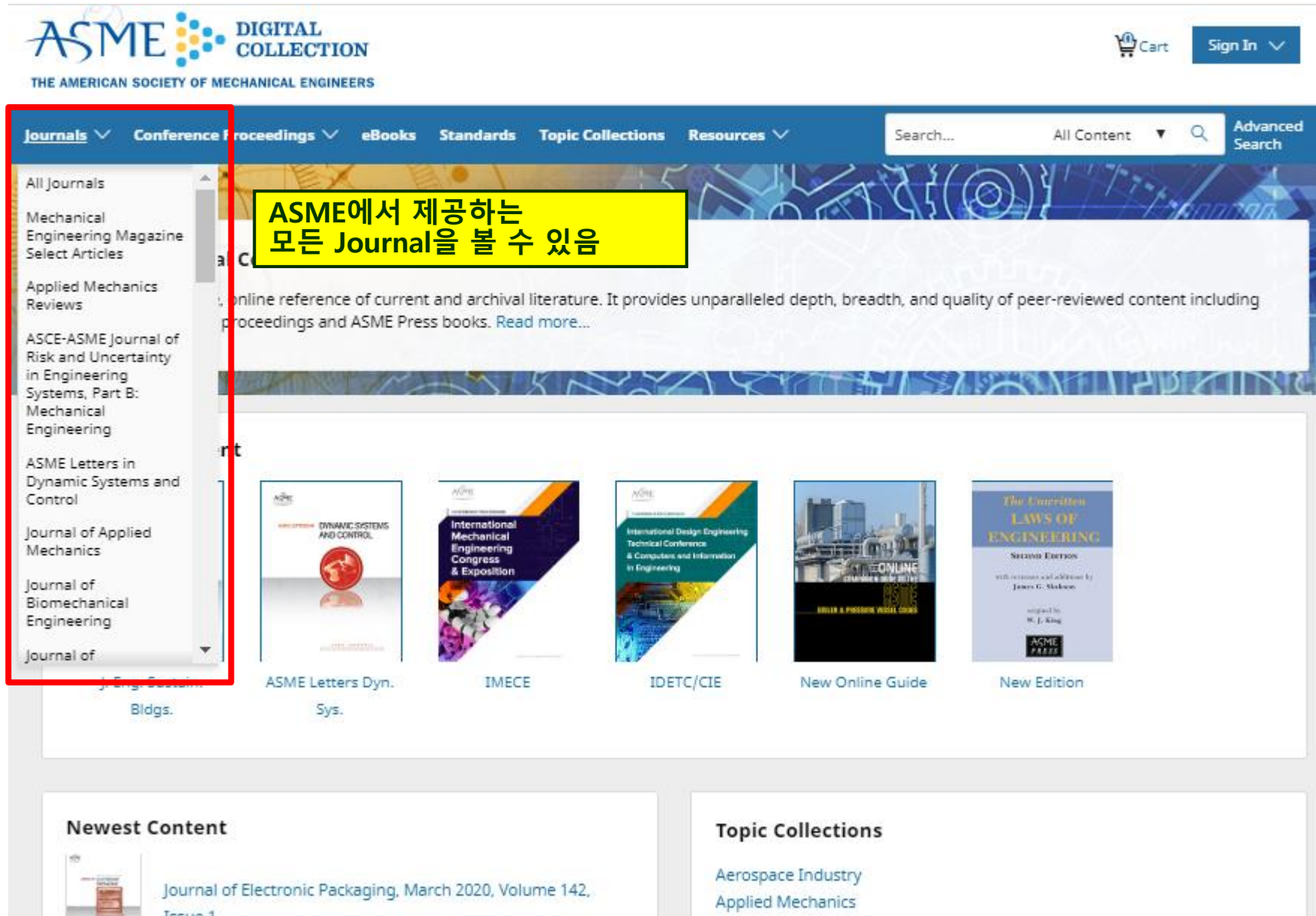


Journal of Electronic Packaging, March 2020, Volume 142,

Topic Collections

Aerospace Industry
Applied Mechanics

3. Browse by Journal in ASME



The screenshot shows the ASME Digital Collection website. The top navigation bar includes links for Journals, Conference Proceedings, eBooks, Standards, Topic Collections, and Resources. A search bar is located on the right. A red box highlights the Journals menu, which lists various journals including Mechanical Engineering Magazine, Applied Mechanics Reviews, and ASCE-ASME Journal of Risk and Uncertainty. A yellow box with Korean text is overlaid on the menu.

ASME에서 제공하는 모든 Journal을 볼 수 있음

The main content area displays a grid of journal covers and titles, including ASME Letters Dyn. Sys., IMECE, IDETC/CIE, New Online Guide, and New Edition. The bottom section features 'Newest Content' and 'Topic Collections'.

3. Browse by Journal > 저널 선택 화면

Mechanical Engineering Magazine Select Articles

Issues All Years About

Search...

Mechanical En



Advanced Search

제공 콘텐츠
issue 정보 제공



CURRENT ISSUE

December 2019, Volume 141, Issue 12

[View This Issue](#)

ISSUES IN PROGRESS

Volume 142, Issue 01, January 2020

About the Journal

This site contains select articles published in Mechanical Engineering magazine from 1998-present. Mechanical Engineering magazine is the award-winning monthly flagship publication of ASME. The magazine delivers an interdisciplinary view into engineering trends and breakthroughs, giving readers a roadmap to better understand today's technology and tomorrow's innovations. [Read more...](#)

저널 소개

해당 저널에 수록된 article 목록:

Latest(최신순)

Most Read(구독순)

Most Cited(인용순)

Latest

Most Read

Most Cited

Desktop Bots

Mechanical Engineering (January 2020)

Come Fly with Me

Mechanical Engineering (January 2020)

Recycling Robots

Mechanical Engineering (January 2020)



FEATURED ARTICLE



FEATURED ARTICLE

3. Browse by Journal > 아티클 선택 화면

Mechanical Engineering Magazine Select Articles

Issues All Years About 

Search...

Mechanical En 



Advanced Search

Volume 142, Issue 01
January 2020

In Progress



RESEARCH-ARTICLE

Come Fly with Me

Engineering Teams Are Vying for the \$1-million GoFly Prize by Building People-flying Drones.

Kayt Sukel



Check for updates

+ Author and Article Information

Mechanical Engineering. Jan 2020, 142(01): 38-43 (6 pages)

Paper No: ME-2020-JAN1 <https://doi.org/10.1115/1.2020-JAN1>

Published Online: January 1, 2020

 Split-Screen  PDF  Share   Cite  Permissions

Abstract

Each year, flight enthusiasts from around the world flock to the Air Venture, to see fighter jet flyovers and hear about the latest works. But this past year, one of the most exciting events was a GoFly Prize challenge set amidst a field of new technologies poised to transform the aeronautical industry. This article showcases a few of the innovative entries including an electric vertical take-off and landing drone and an octocopter.

Issue Section: [Select Articles](#)

Cited By

Google Scholar

CrossRef

Latest

Most Read

Most Cited

Desktop Bots

Mechanical Engineering (January 2020)

Come Fly with Me

Mechanical Engineering (January 2020)

Recycling Robots

Mechanical Engineering (January 2020)

Printing Medical Scans

Mechanical Engineering (December 2019)

해당 아티클 목차

Article Contents

Abstract

Article

A Serious Technical Challenge

Meeting the Design Challenges of Personal Flight

Preparing for the Fly-Off

Split-Screen: 화면나눠 보기

PDF: PDF형식 원문보기

Share: 이메일, Facebook 등 공유

3. Browse by Proceedings in ASME

The screenshot shows the ASME Digital Collection website. The top navigation bar includes 'Journals', 'Conference Proceedings', 'eBooks', 'Standards', 'Topic Collections', and 'Resources'. The 'Conference Proceedings' menu is expanded, showing options: 'All Conference Proceedings', 'Browse by Series', 'Browse by Subject Category', and 'Browse by Year'. A yellow callout box highlights these options with the text: 'Conference Proceedings: -All Conference Proceedings (프로시딩 전체목록) -Browse by Series(시리즈별) -Browse by Subject Category(카테고리별) -Browse by Year(연도별)'. Below the navigation bar, the 'Featured Content' section displays six items: 'J. Eng. Sustain. Bldgs.', 'ASME Letters Dyn. Sys.', 'IMECE', 'IDETC/CIE', 'New Online Guide', and 'New Edition'. The 'Newest Content' section shows 'Journal of Electronic Packaging, March 2020, Volume 142, Issue 1'. The 'Topic Collections' section lists 'Aerospace Industry' and 'Applied Mechanics'.

ASME DIGITAL COLLECTION
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Conference Proceedings

- All Conference Proceedings
- Browse by Series
- Browse by Subject Category
- Browse by Year

Conference Proceedings:

- All Conference Proceedings (프로시딩 전체목록)
- Browse by Series(시리즈별)
- Browse by Subject Category(카테고리별)
- Browse by Year(연도별)

Featured Content

- J. Eng. Sustain. Bldgs.
- ASME Letters Dyn. Sys.
- IMECE
- IDETC/CIE
- New Online Guide
- New Edition

Newest Content

Journal of Electronic Packaging, March 2020, Volume 142, Issue 1

Topic Collections

- Aerospace Industry
- Applied Mechanics

3. Browse by Proceedings in ASME

Proceedings 하기목록 :
All Conference Proceedings 클릭

Conference Proceedings

Browse by Series

Browse by Subject Category

Browse by Year

Topic Collections

About

Search...

All Proceedings



Advanced Search

About ASME Conference Publications and Proceedings

The requirement to publish has increased the visibility of conferences as the first venue to present and publish research. Taking this into account, ASME's primary commitment is to the integrity and quality of conference proceedings publishing. [Read more...](#)

Latest Conference Proceedings

최신 프로시딩 목록



ASME 2019 Gas Turbine India Conference



ASME 2019 International Mechanical Engineering Congress and Exposition



ASME 2019 2nd International Offshore Wind Technical Conference



FEATURED TOPIC

Indexing and Discovery

ASME ensures that once your paper is

3. Browse by Proceedings > BY SERIES

Conference Proceedings

Browse by Series

Browse by Subject Category

Browse by Year

Topic Collections

About

Search...

All Proceedings



Advanced Search

Conference Series별 알파벳 순서로 확인 가능

Browse by Series

ASME International Mechanical Engineering Congress and Exposition (IMECE)

Series Home Latest Proceedings All Years

ASME/JSM Thermal Engineering Joint Conference (AJTEC)

Series Home Latest Proceedings All Years

ANES/ASME Joint National Solar Energy Week (ANES/ASME)

Series Home Latest Proceedings All Years

ASME Asia Pacific Pipeline Conference (APPC)

Series Home Latest Proceedings All Years

Frontiers in Biomedical Devices (BIOMED)

Series Home Latest Proceedings All Years

CANEUS: MNT for Aerospace Applications (CANEUS)

Series Home Latest Proceedings All Years

ASME Citrus Engineering Symposium (CES)

Series Home Latest Proceedings All Years

Dynamic Systems and Control Conference (DSCC)

Series Home Latest Proceedings All Years

3. Browse by Proceedings > BY SUBJECT CATAGORY

Conference Proceedings

Browse by Series

Browse by Subject Category

Browse by Year

Topic Collections

About

Search...

All Proceeding



Advanced
Search

Subject Category별
Proceedings 검색

Browse by Subject Category

Multidisciplinary Engineering

Biomedical and Biotechnology Engineering

Design Engineering

Manufacturing and Materials Engineering

Microtechnology and Nanotechnology

Nuclear Engineering

Power and Energy

Pressure Technology

3. Browse by Proceedings > BY YEAR

Conference Proceedings

Browse by Series

Browse by Subject Category

Browse by Year

Topic Collections

About

Search...

All Proceedings

Q

Advanced Search

년도 별 Proceedings 검색

Browse By Year

Select Decade

1950

1960

1970

1980

1990

2000

2010

Select Year

2010

2011

2012

2013

2014

2015

2016

2017

2018

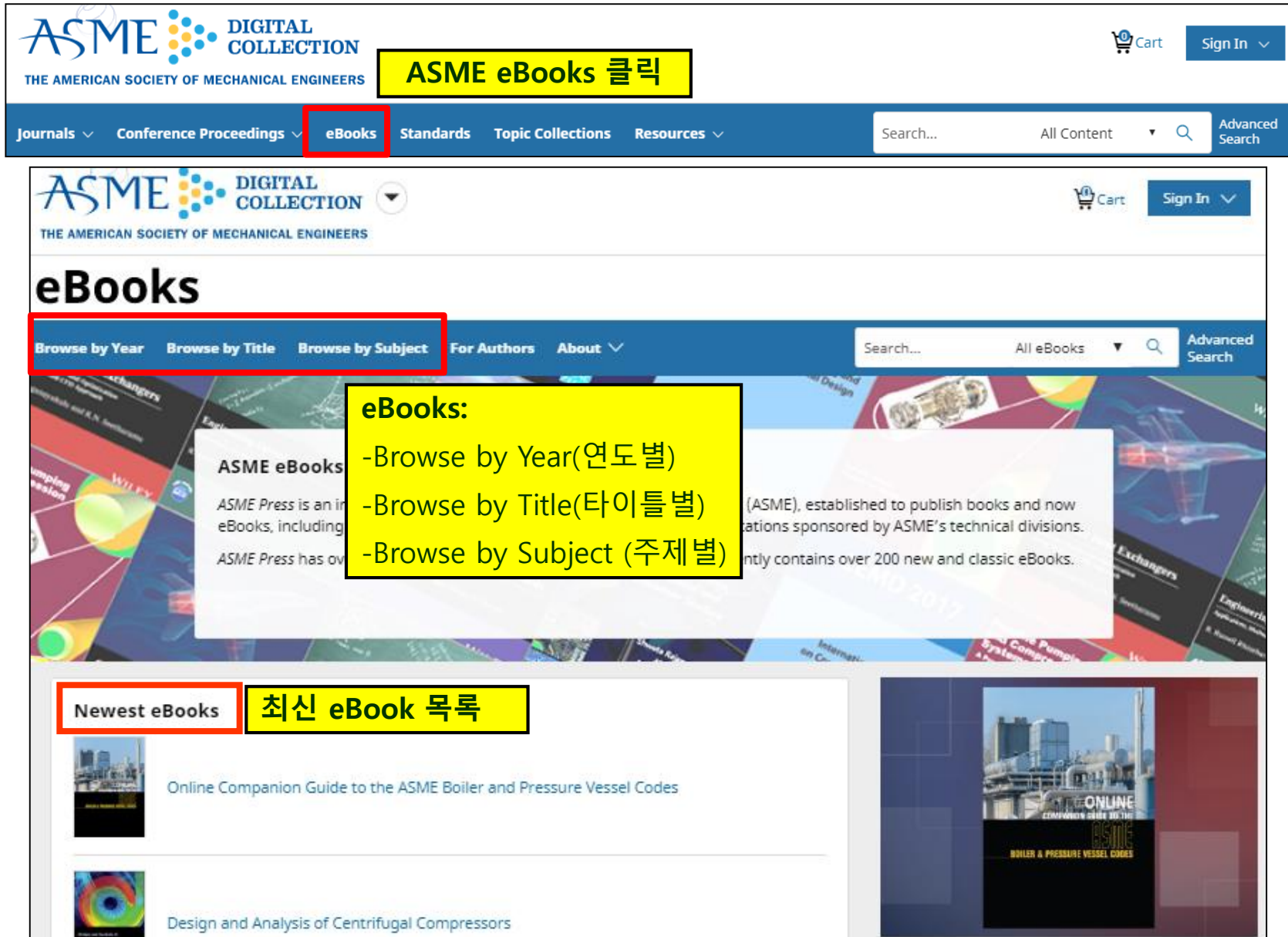
2019

2019

해당 년도 클릭

- + ASME-JSME-KSME 2019 8th Joint Fluids Engineering Conference (AJKFluids2019)
- + ASME 2019 Asia Pacific Pipeline Conference (APPC2019)
- + 2019 Design of Medical Devices Conference (DMD2019)
- + ASME 2019 Dynamic Systems and Control Conference (DSCC2019)
- + ASME 2019 13th International Conference on Energy Sustainability collocated with the ASME 2019 Heat Transfer Summer Conference (ES2019)
- + ASME/BATH 2019 Symposium on Fluid Power and Motion Control (FPMC2019)
- + ASME Turbo Expo 2019: Turbomachinery Technical Conference and Exposition (GT2019)
- + ASME 2019 Gas Turbine India Conference (GTINDIA2019)
- + ASME 2019 Heat Transfer Summer Conference collocated with the ASME 2019 13th International Conference on Energy Sustainability (HT2019)

2. 검색 방법-Browse by eBook in ASME



The screenshot shows the ASME Digital Collection website. The top navigation bar includes 'Journals', 'Conference Proceedings', 'eBooks' (highlighted with a red box), 'Standards', 'Topic Collections', and 'Resources'. A yellow box with the text 'ASME eBooks 클릭' points to the 'eBooks' link. Below the navigation bar, the 'eBooks' section is displayed, with 'Browse by Year', 'Browse by Title', and 'Browse by Subject' (all highlighted with a red box) as the primary navigation options. A yellow box with the text 'eBooks:' and a list of options points to these links: '-Browse by Year(연도 별)', '-Browse by Title(타이틀 별)', and '-Browse by Subject (주제 별)'. Below this, a 'Newest eBooks' section (highlighted with a red box) is shown, with a yellow box containing the text '최신 eBook 목록' pointing to it. The 'Newest eBooks' section lists two books: 'Online Companion Guide to the ASME Boiler and Pressure Vessel Codes' and 'Design and Analysis of Centrifugal Compressors'. A large banner image in the background shows various engineering designs and components.

ASME DIGITAL COLLECTION
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

ASME eBooks 클릭

Journals ▾ Conference Proceedings ▾ **eBooks** Standards Topic Collections Resources ▾

Search... All Content ▾ 🔍 Advanced Search

ASME DIGITAL COLLECTION
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

eBooks

Browse by Year **Browse by Title** **Browse by Subject** For Authors About ▾

Search... All eBooks ▾ 🔍 Advanced Search

eBooks:

- Browse by Year(연도 별)
- Browse by Title(타이틀 별)
- Browse by Subject (주제 별)

ASME eBooks

ASME Press is an international publisher of books and journals, including eBooks, including...

ASME Press has over 200 new and classic eBooks.

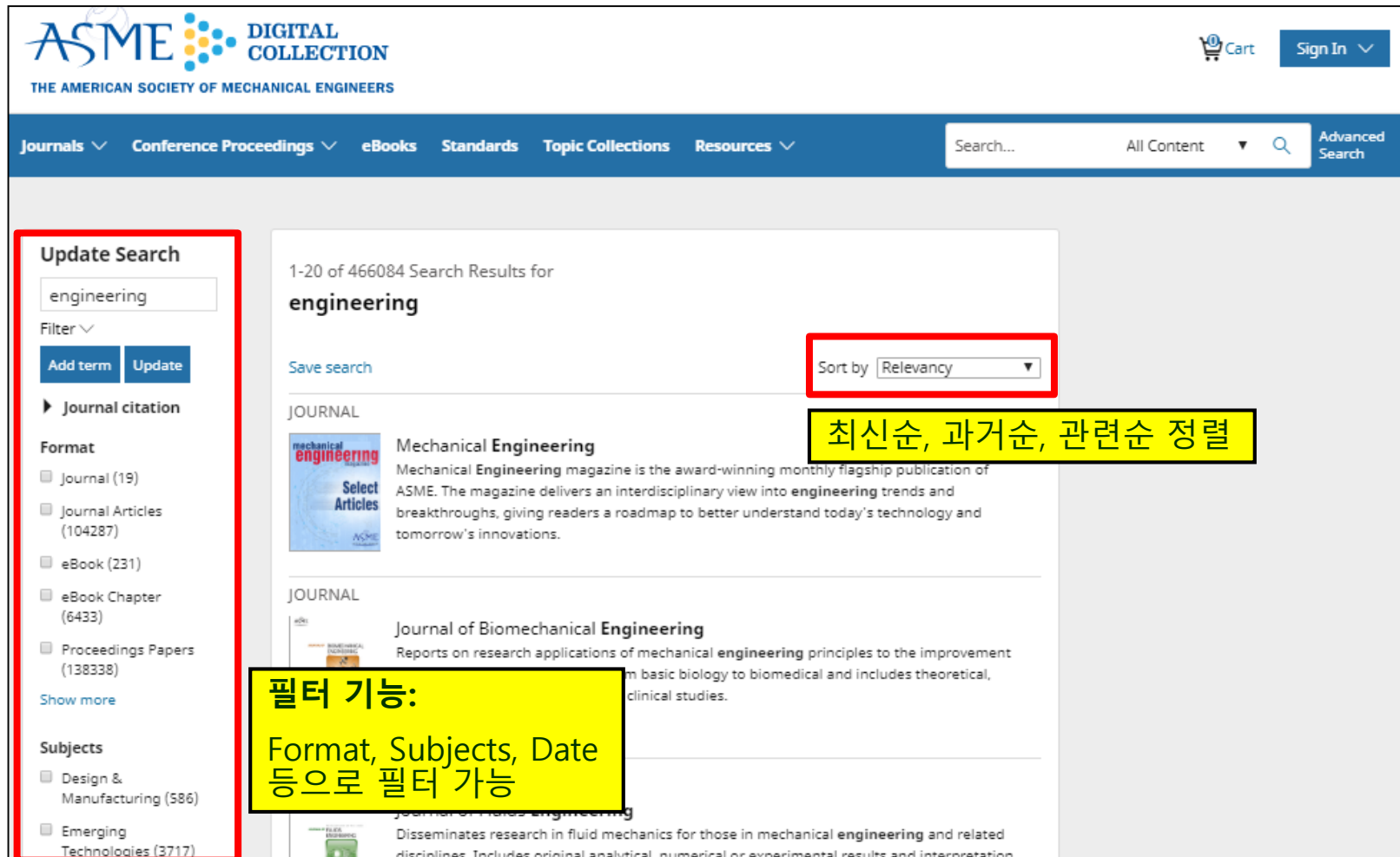
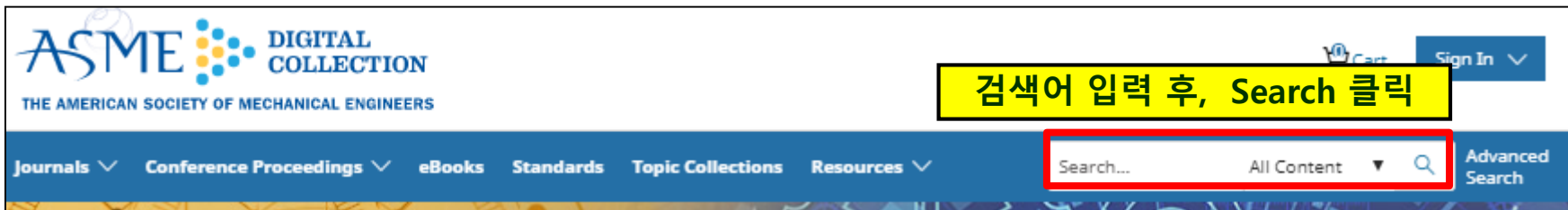
Newest eBooks **최신 eBook 목록**

Online Companion Guide to the ASME Boiler and Pressure Vessel Codes

Design and Analysis of Centrifugal Compressors

ONLINE COMPANION GUIDE TO THE ASME BOILER & PRESSURE VESSEL CODES

4. Search in ASME (일반 검색)



필터 기능:

Format, Subjects, Date
등으로 필터 가능

3. Search in ASME (상세검색)

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THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Sign In

Advanced Search 클릭

Journals ▾ Conference Proceedings ▾ eBooks Standards Topic Collections Resources ▾

Search... All Content ▾

Advanced Search

KEYWORD SEARCH 키워드 검색

engineering SEARCH

SEARCH FOR: ☐ Any ☒ All ☐ Exact Phrase

+ LIMIT RESULTS TO:

AUTHOR SEARCH 저자 검색

Author Search SEARCH

+ LIMIT RESULTS TO:

FIND SPECIFIC JOURNAL ARTICLE OR PROCEEDINGS PAPER BY: 타이틀/DOI/PAPER NUMBER 검색

TITLE Title SEARCH

DOI DOI SEARCH

PAPER NUMBER Paper Number SEARCH

감사합니다.



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