

•itms group

# GUIA DO USUÁRIO



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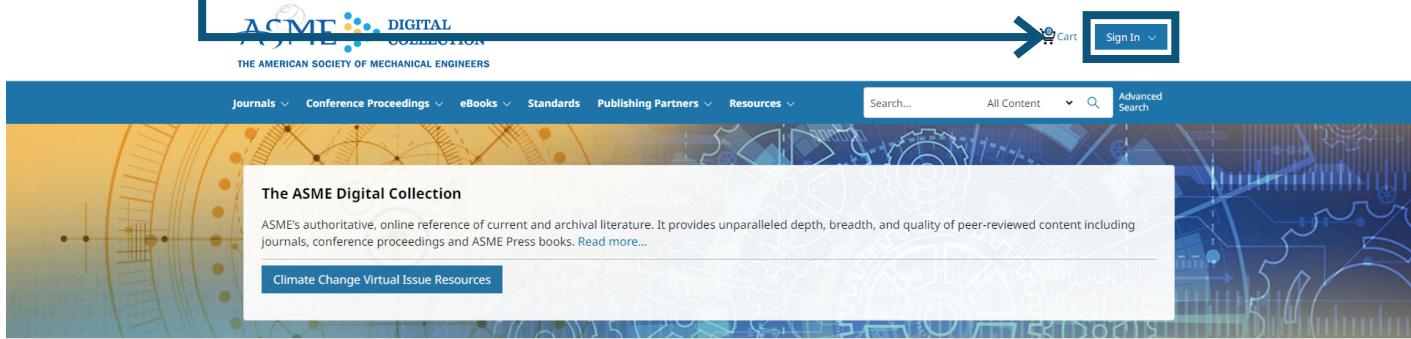
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**1****1**

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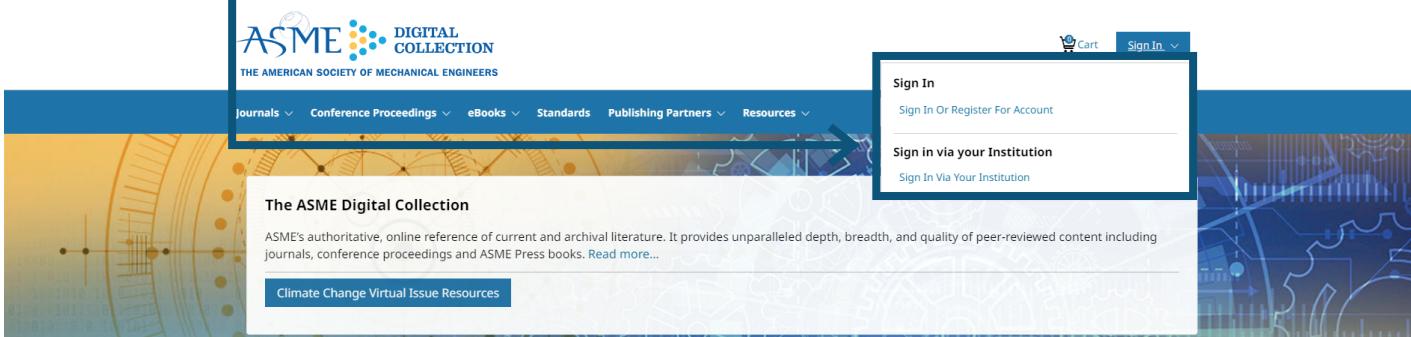
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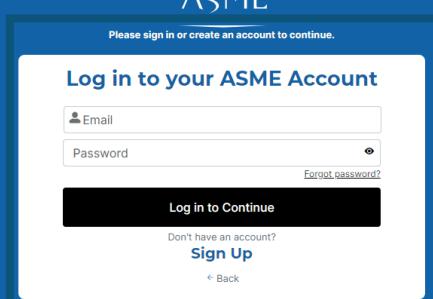
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**3**

Introduza o seu nome de utilizador e a sua palavra-passe.



Please sign in or create an account to continue.

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# COMO PESQUISAR



1

Introduza o tópico que pretende encontrar.

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All Content  Advanced Search

2

Selecione o artigo da sua escolha.

Update Search

Filter

[Journal citation ▾](#)

**Format**

- Journal Articles (318)
- eBook (145)
- eBook Chapter (20)
- Proceedings Papers (545)
- Image (20)

**Publisher**

- American Society of Mechanical Engineers (545)
- ASME (320)
- Business Expert Press (304)
- ASTM International (50)

1-20 of 1235 Search Results for **covid**

Sort by **Relevancy**

[Save search](#)

**JOURNAL ARTICLES**

Long-Term Prediction of Large-Scale and Sporadic **COVID-19** Epidemics Induced by the Original Strain in China Based on the Improved Nonautonomous Delayed Susceptible-Infected-Recovered-Dead and Susceptible-Infected-Removed Models [View](#)

Xin Xie, Lijun Pei

Journal: *Journal of Computational and Nonlinear Dynamics*

Article Type: Research Article

J. Comput. Nonlinear Dynam. April 2024, 19(4): 041002.

Paper No: CND-23-1140

https://doi.org/10.1115/1.4064720

Published Online: February 26, 2024

Xin Xie, Lijun Pei The **COVID-19** virus emerged abruptly in early 2020 and disseminated swiftly, resulting in a substantial impact on public health. This paper aims to forecast the evolution of large-scale and sporadic **COVID-19** outbreaks, stemming from the original strain, within the context...

Abstract  View Article  PDF

Topics: China, Delays, Diseases, Fittings, Parameter estimation

PROCEEDINGS PAPERS

Evaluation of the Impact of **COVID-19** on the Automotive Industry Analysis of the...

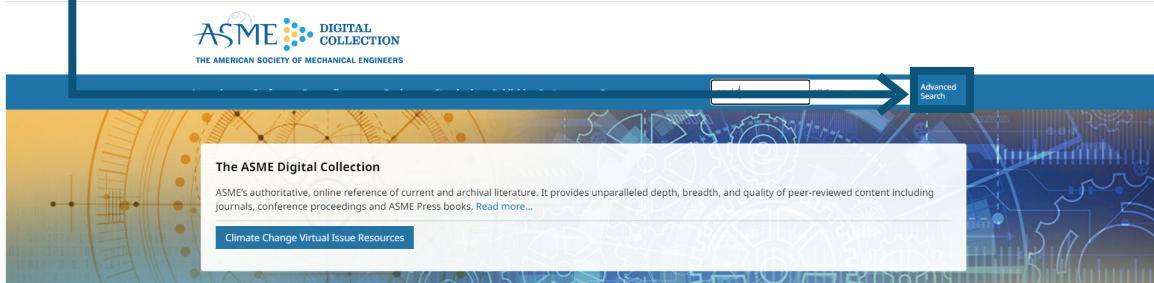
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3

# BUSCA AVANÇADA

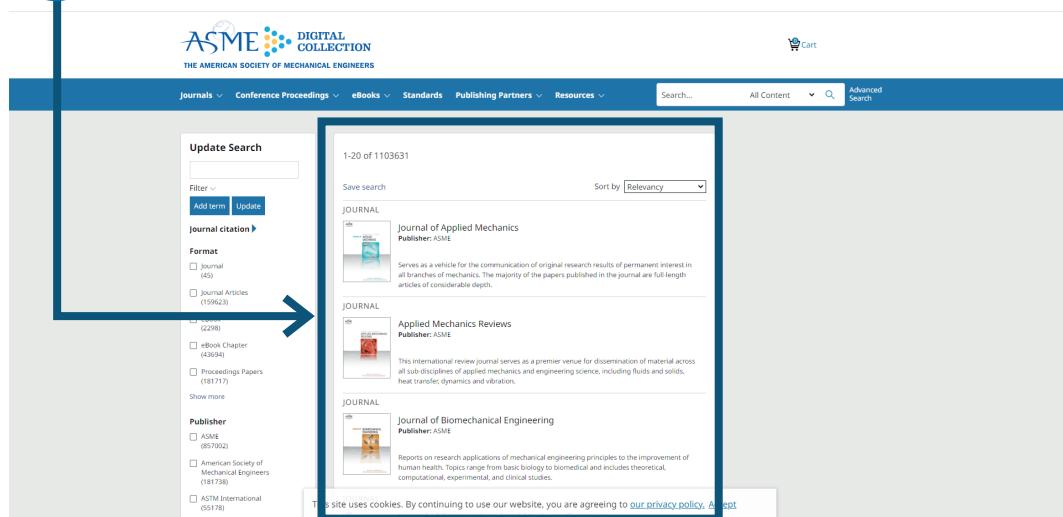
1

No ecrã principal, introduza o tópico que pretende pesquisar e, em seguida, clique em “Advanced Search.”



2

Selecione o artigo da sua escolha.

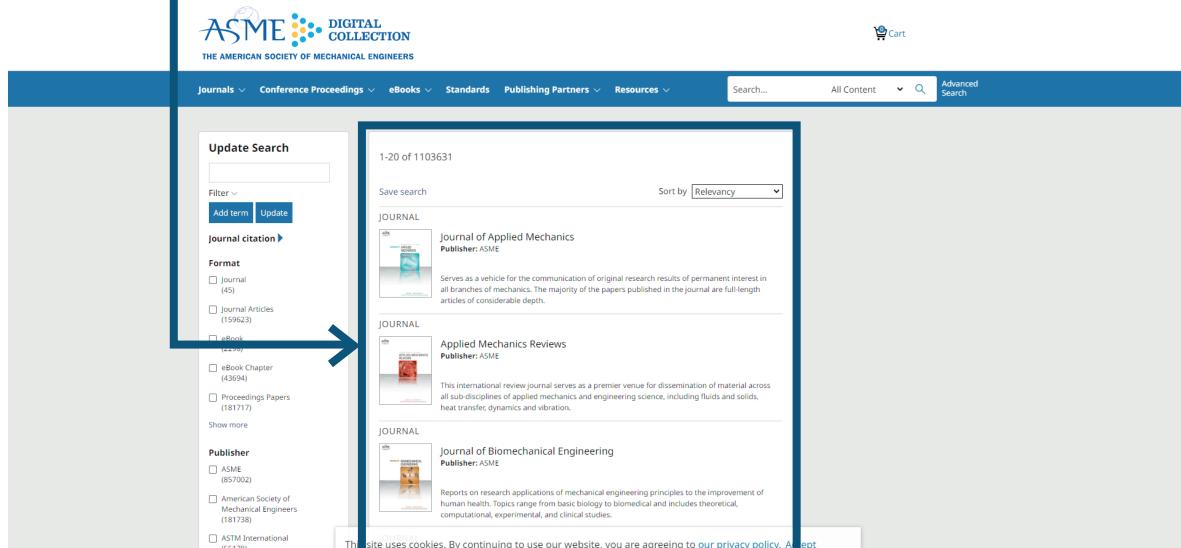


4

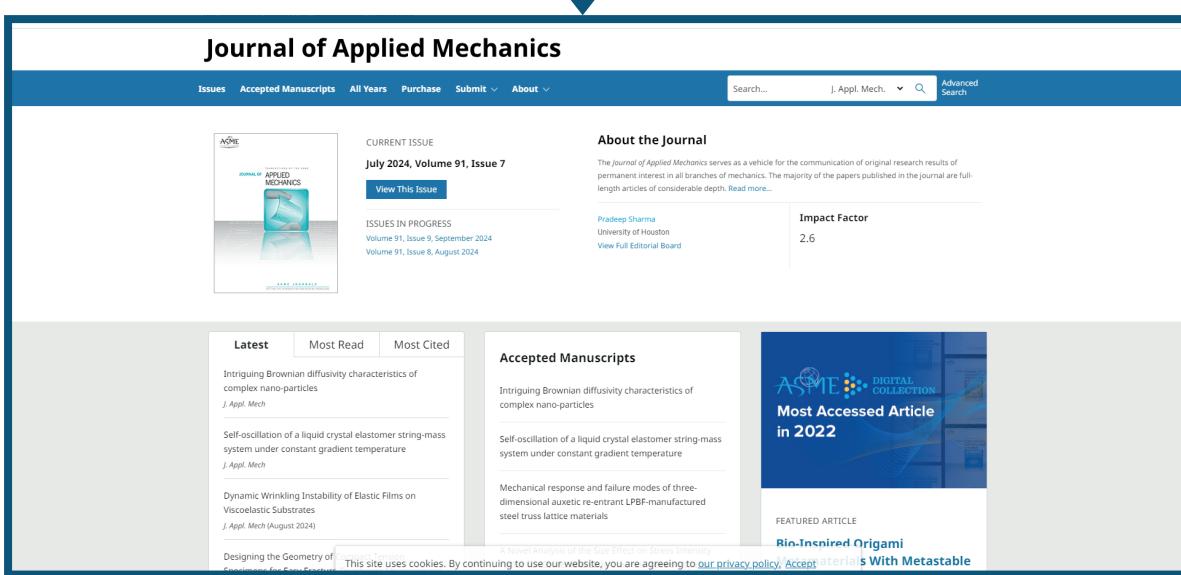
# COMO ENCONTRAR

1

Localize o artigo em que está interessado e clique nele.



The screenshot shows the ASME Digital Collection homepage. A search bar at the top has the text '1-20 of 1103631'. Below it, a sidebar on the left contains filters for 'Format' (Journal, Journal Articles, eBook), 'Publisher' (ASME, American Society of Mechanical Engineers, ASTM International), and 'Journal citation'. The main content area displays a list of journals. The first item in the list is 'Journal of Applied Mechanics' (Publisher: ASME), which is highlighted with a blue box. A blue arrow points from the number 1 above to this highlighted entry. The list also includes 'Applied Mechanics Reviews' and 'Journal of Biomechanical Engineering'.

The screenshot shows the 'Journal of Applied Mechanics' detail page. At the top, there are navigation links for 'Issues', 'Accepted Manuscripts', 'All Years', 'Purchase', 'Submit', and 'About'. The 'About the Journal' section includes a brief description, the current issue (July 2024, Volume 91, Issue 7), and the impact factor (2.6). The 'Accepted Manuscripts' section lists several recent articles. A blue box highlights the first article: 'Intriguing Brownian diffusivity characteristics of complex nano-particles' by J. Appl. Mech. The page also features a sidebar for 'Most Accessed Article in 2022' and a 'Featured Article' section.

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# USO DE FILTROS

1

Para uma melhor pesquisa, filtre por resultados, tipos de artigos, categorias, revista, data, etc.

**Update Search**

Filter ▾

**Journal citation ▶**

**Format**

- Journal (45)
- Journal Articles (159623)
- eBook (2298)
- eBook Chapter (43694)
- Proceedings Papers (181717)

Show more

**Publisher**

- ASME (857002)
- American Society of Mechanical Engineers (181738)
- ASTM International (55178)

**eBook Series**

- ASTM Selected Technical Papers (33943)
- ASME Press Select Proceedings (5320)
- ASTM Manuals (1805)
- ASTM Monographs (194)
- BioNano Monographs (194)

Show more

**Article Type**

- Proceedings Article (181717)
- Research Papers (60170)
- Research-Article (37724)
- Discussions (19630)
- Technical Papers (14393)

Show more

**Conference Series**

- ASME International Mechanical Engineering Congress and Exposition (36390)
- Turbo Expo: Power for Land, Sea, and Air (29763)
- International Design Engineering Technical Conferences and Computers and Information in Engineering Conference (24337)
- International Conference on Offshore Mechanics and Arctic Engineering (13837)
- Pressure Vessels and Piping Conference (12666)

Show more

**Supplemental Material**

- Has Supplemental Material (962)

**Manuscript**

- Accepted Manuscript (221)

**Subject Area**

- Research Papers (75722)

Technical Briefs (8103)

Show more

**Topics**

- Design (68121)
- Flow (Dynamics) (62770)
- Stress (51063)
- Temperature (43290)
- Pressure (42399)

Show more

**Date**

Date range

Single date

From

To

**Apply**

6

# RECUPERAR INFORMAÇÕES

## BAIXAR PDF

1

Clique no ícone marcado como “PDF”.

The screenshot shows a search results page for 'FREE'. The left sidebar contains filters for 'Format' (Journal Articles, Image), 'Article Type' (Research Papers, Technical Briefs, Discussions, Technical Papers, Research-Article), 'Supplemental Material' (Has Supplemental Material), 'Manuscript' (Accepted Manuscript), and 'Subject Area'. The main content area displays search results for 'FREE'. The first result is 'Formulas for the Frequencies Including Higher Frequencies of Uniform Cantilever and Free-Free Beams With Additional Masses at the Ends' by Juan Haener, published in the Journal of Applied Mechanics. The second result is 'Nonlinear Responses of Inextensible Cantilever and Free-Free Beams Undergoing Large Deflections' by Kevin McHugh and Earl Dowell, published in the Journal of Applied Mechanics. A large blue arrow points from the 'Article Type' sidebar to the PDF download icon for the first result.

Update Search

FREE

Filter ▾

Add term Update

Journal citation ▾

Format

Journal Articles (8069)

Image (542)

Article Type

Research Papers (3936)

Technical Briefs (1047)

Discussions (944)

Technical Papers (844)

Research-Article (619)

Show more

Supplemental Material

Has Supplemental Material (59)

Manuscript

Accepted Manuscript (6)

Subject Area

1-20 of 8611 Search Results for FREE

Save search Sort by Relevancy

JOURNAL ARTICLES

Formulas for the Frequencies Including Higher Frequencies of Uniform Cantilever and Free-Free Beams With Additional Masses at the Ends

Juan Haener

Journal: Journal of Applied Mechanics

Publisher: ASME

Article Type: Technical Briefs

*J. Appl. Mech.* September 1958, 25(3): 412.

<https://doi.org/10.1115/1.4011838>

Published Online: June 16, 2021

...Juan Haener The approximated formulas, the derivation of which is outlined here, make it possible to determine immediately the  $n$ th frequency of uniform cantilever and free-free beams with additional masses at the ends. 17 07 1957 01 09 1958 16 06 2021 412 JOURNAL OF APPLIED...

PDF

Topics: Cantilevers

JOURNAL ARTICLES

Nonlinear Responses of Inextensible Cantilever and Free-Free Beams Undergoing Large Deflections

Kevin McHugh, Earl Dowell

Journal: Journal of Applied Mechanics

Publisher: ASME

Article Type: Research-Article

*J. Appl. Mech.* May 2018, 85(5): 051008.

Paper No: JAM-17-1629

<https://doi.org/10.1115/1.4039478>

Published Online: March 19, 2018

...Kevin McHugh; Earl Dowell A theoretical and computational model has been developed for the nonlinear motion of an inextensible beam undergoing large deflections for cantilevered and free-free boundary conditions. The inextensibility conditions are enforced through a Lagrange multiplier which acted

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## NOTIFICAÇÕES

1

Na sessão “Get Email Alerts”, você pode selecionar a forma como pretende receber alertas de novos artigos.

The screenshot shows a journal article page. On the right side, there is a box titled 'Get Email Alerts' with three options: 'Article Activity Alert', 'Accepted Manuscript Alert', and 'New Issue Alert'. A large blue arrow points from the text above to this 'Get Email Alerts' box.

**Journal of Applied Mechanics**

Issues Accepted Manuscripts All Years Purchase Submit About

Search... J. Appl. Mech. Advanced Search

Volume 25, Issue 3 September 1958

TECHNICAL BRIEFS

**Formulas for the Frequencies Including Higher Frequencies of Uniform Cantilever and Free-Free Beams With Additional Masses at the Ends**

Juan Haener

Check for updates

Author and Article Information

J. Appl. Mech. Sep 1958, 25(3): 412 (1 pages)  
<https://doi.org/10.1115/1.4011838>

Published Online: June 16, 2021 Article history

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**Abstract**

The approximated formulas, the derivation of which is outlined here, make it possible to determine immediately the  $n^{\text{th}}$  frequency of uniform cantilever and free-free beams with additional masses at the ends.

Issue Section: Technical Briefs  
Topics: Cantilevers

View Metrics 14

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Accepted Manuscript Alert  
New Issue Alert

Cited By

Google Scholar  
CrossRef (14)

Latest Most Read Most Cited

Intriguing Brownian diffusivity characteristics of complex nanoparticles

J. Appl. Mech.

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14261 Commerce Way  
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