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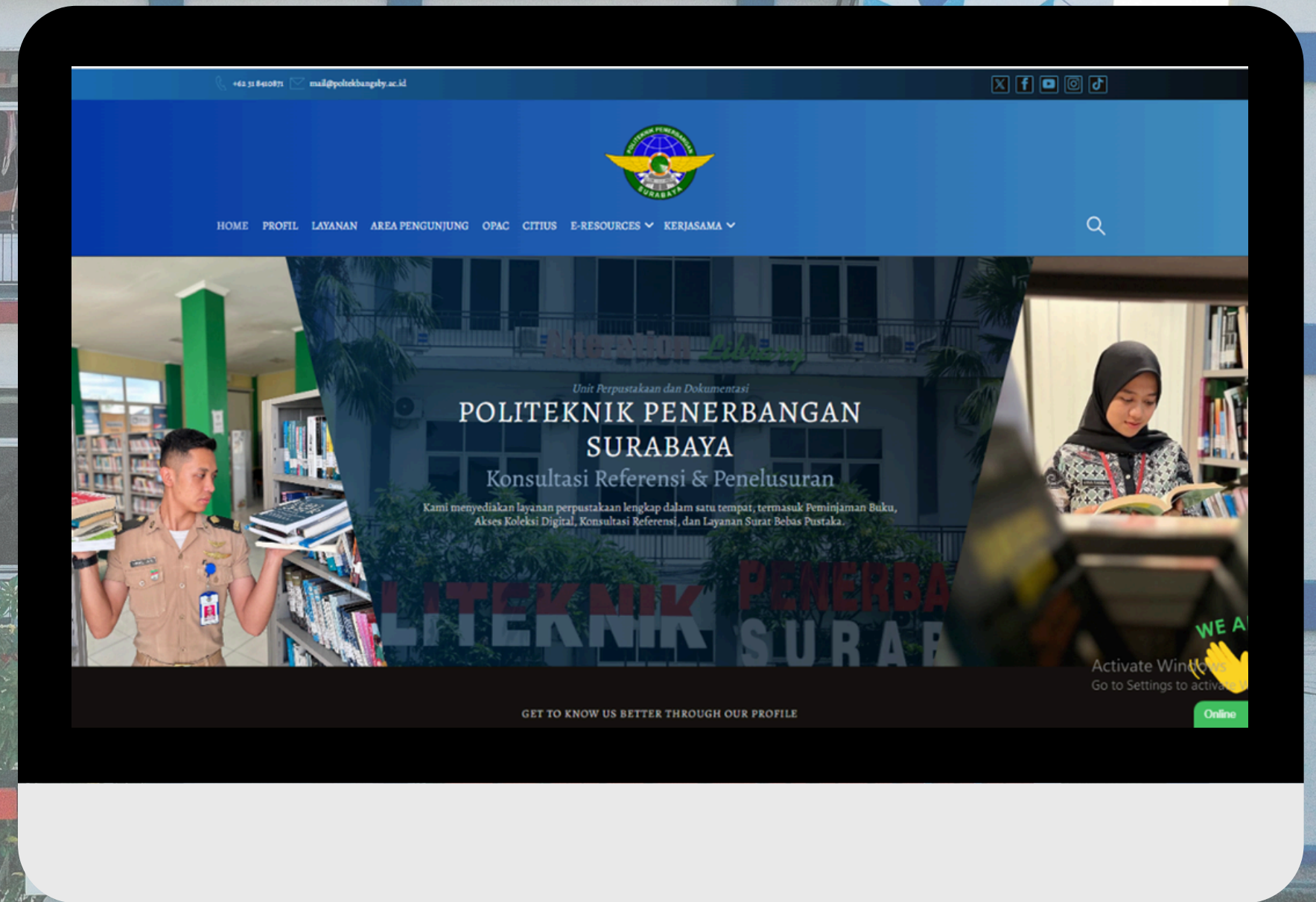
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first class woman

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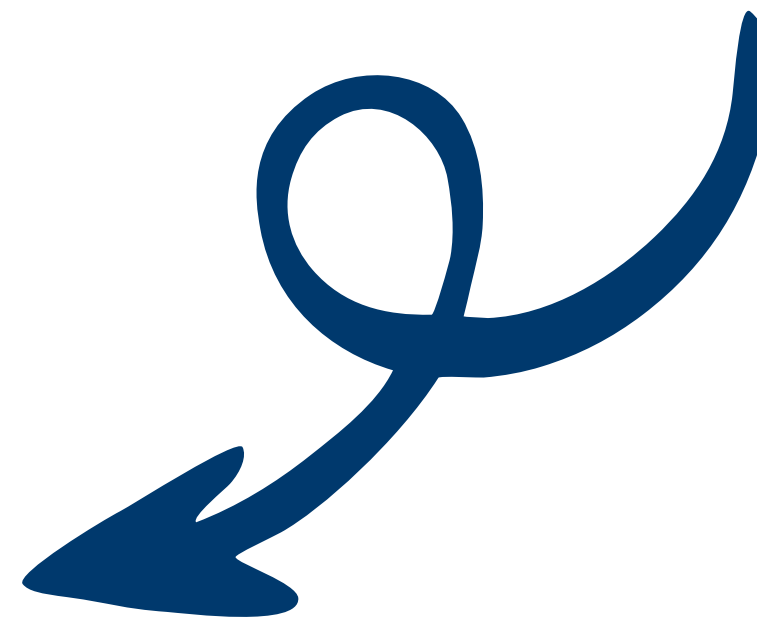
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**AKSES E-JOURNAL
GALE ENGINEERING**



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**AKSES E-JOURNAL
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Tutorial Akses E-Journal Gale Engineering & E-Journal Gale Humaniora

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Masuk ke laman website gale humaniora
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2

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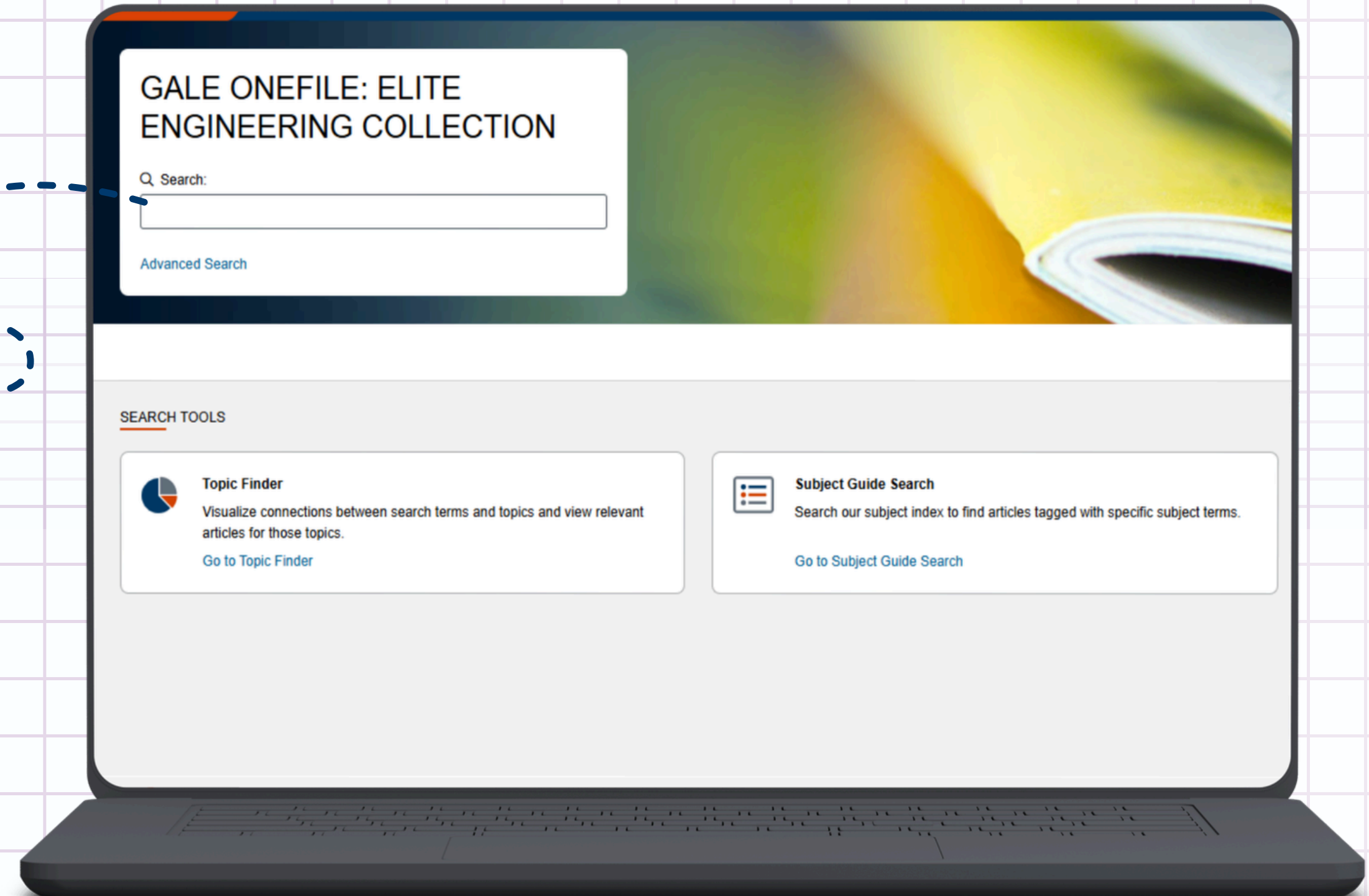
*Password akun Gale bisa minta di Admin Perpustakaan

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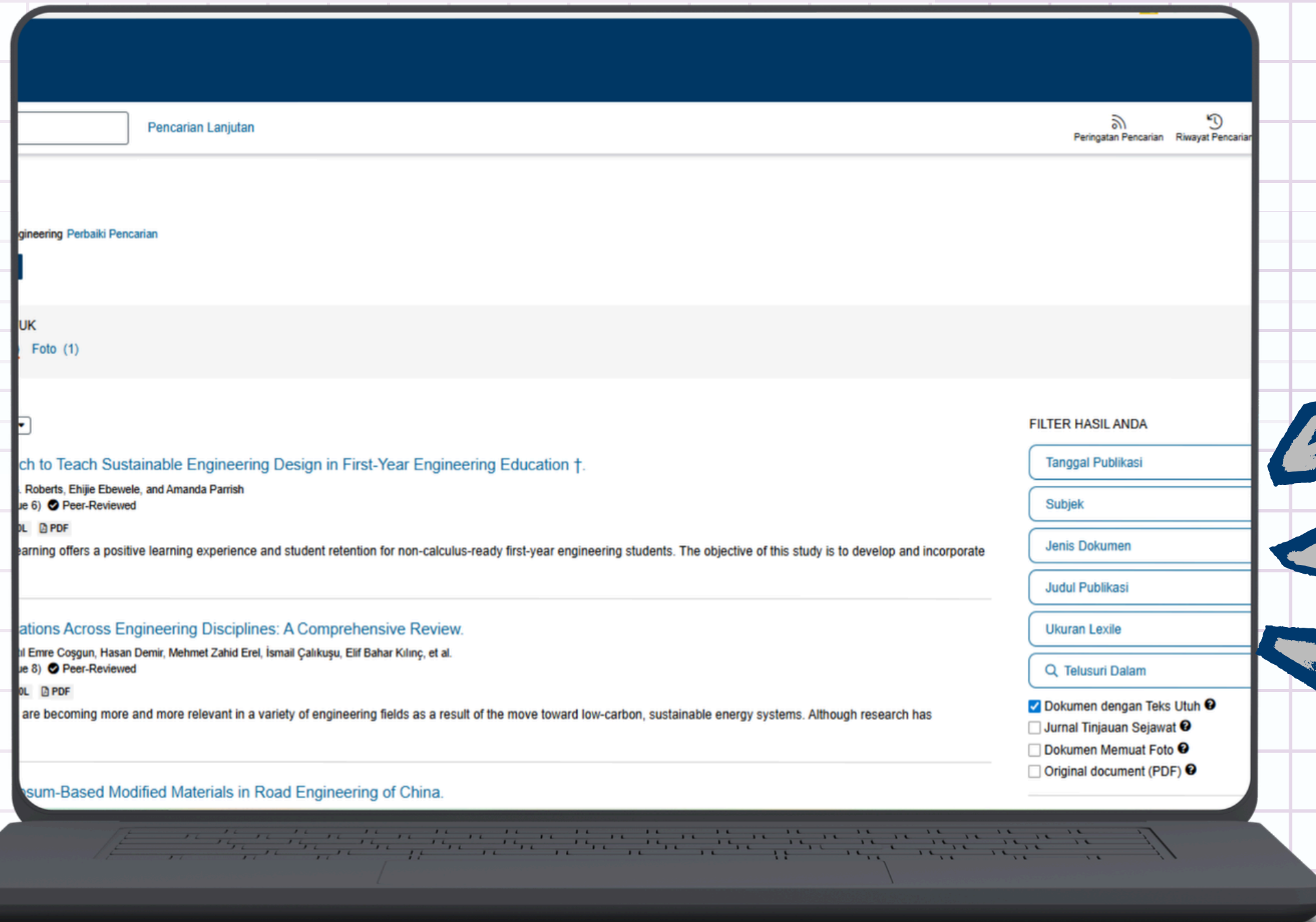
Pada kolom search, masukkan kata kunci pencarian, sebagai berikut :



“engineering”



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Kalian bisa memanfaatkan fitur filter “tanggal publikasi, subjek, jenis dokumen, judul publikasi” untuk memastikan artikel yang ditampilkan benar-benar sesuai yang kamu butuhkan.

Pilih artikel yang dibutuhkan

Pencarian Lanjutan

Hasil Kutip Kirim Ke... Unduh Cetak Daftarkan

PDF)

A Multidisciplinary Approach to Teach Sustainable Engineering Design in First-Year Engineering Education †.

Pengarang: Xinyu Zhang, Jeremy G. Roberts, Ehijie Ebewele and Amanda Parrish
Tanggal: Mar. 2026

Dari: Applied Sciences (Vol. 16, Issue 6)
Penerbit: MDPI AG

Jenis Dokumen: Reprint
Panjang: 7.173 kata
Ukuran Lexile: 1320L
DOI: <http://dx.doi.org/10.3390/app16063044>

Abstrak:
Multidisciplinary project-based learning offers a positive learning experience and student retention for non-calculus-ready first-year engineering students.

The objective of this study is to develop and incorporate a multidisciplinary engineering design experience into an academic success and professional development course that aims to retain non-calculus-ready first-year engineering students. The project followed the five-step engineering design process using knowledge from multiple engineering disciplines. Students were tasked to design a scale model of a safe, sustainable, and cost-efficient oil derrick with PASCOS kits, engage in discussion to consider societal, global, cultural, and further factors in design, practice an elevator pitch with entrepreneurship specialists from the university start-up incubator, and present the final design to a multidisciplinary judge panel from academia and industry in engineering, math, social science, and business at a Poster Expo. This project-based learning aligned with the student outcomes of ABET and the Engineering for One Planet framework for sustainability education in engineering.

JELAJAH

Subjek Terkait

- Academic achievement
- Petroleum engineering
- Education
- Green technology
- Engineering schools
- Teaching
- West Virginia University

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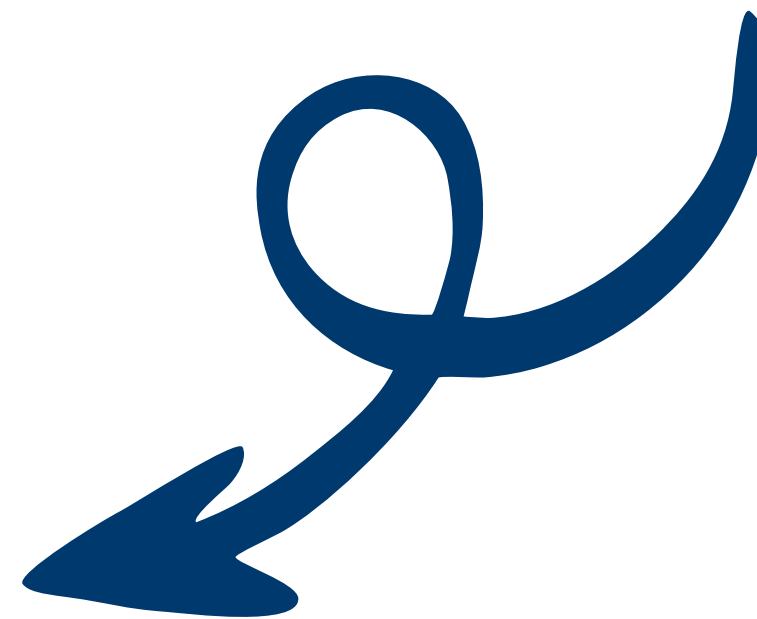
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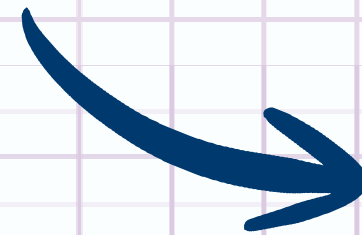


**AKSES E-JOURNAL
PROQUEST EKONOMI**

Tutorial Akses E-Journal Proquest Ekonomi

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2

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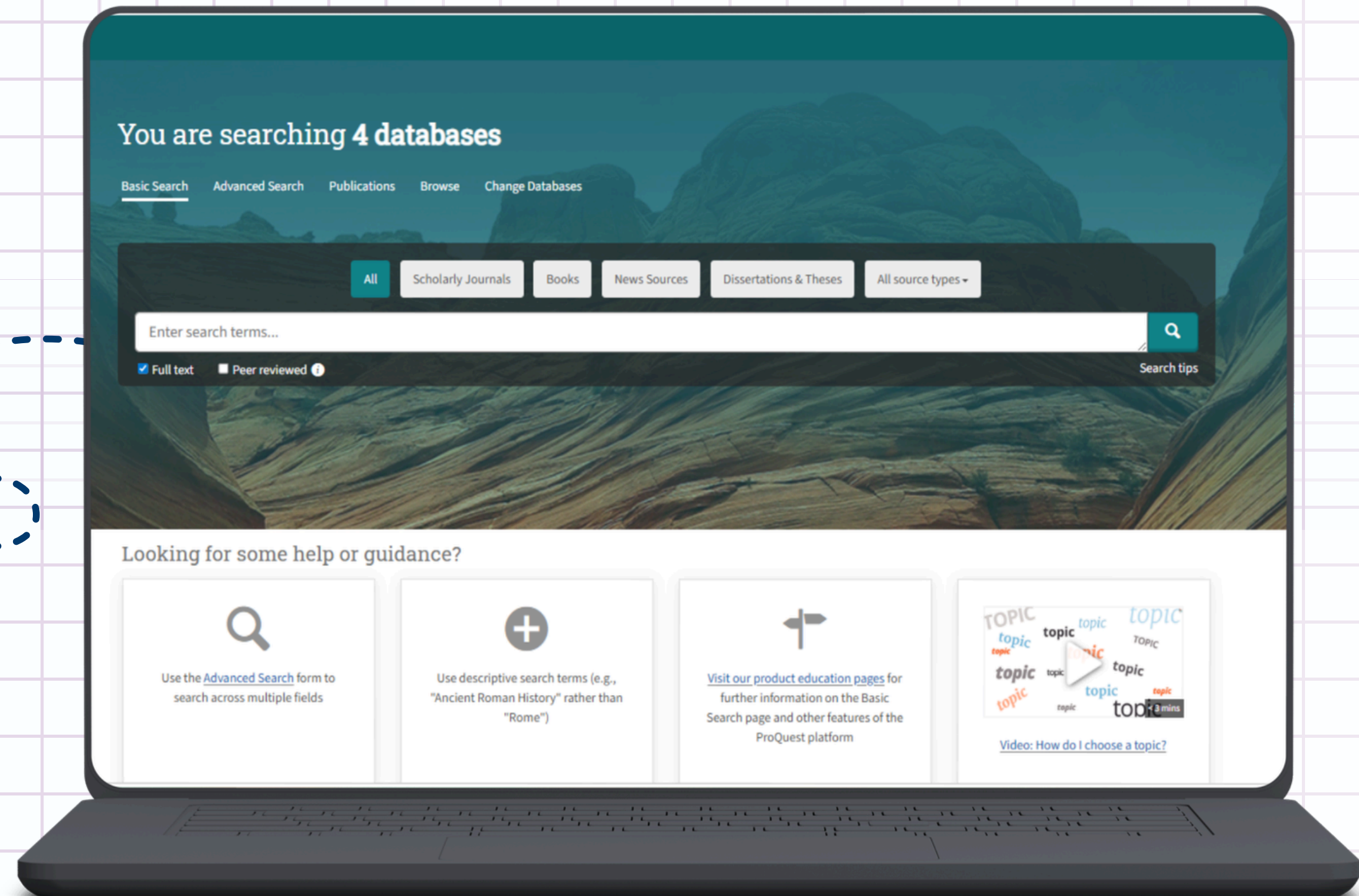
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3

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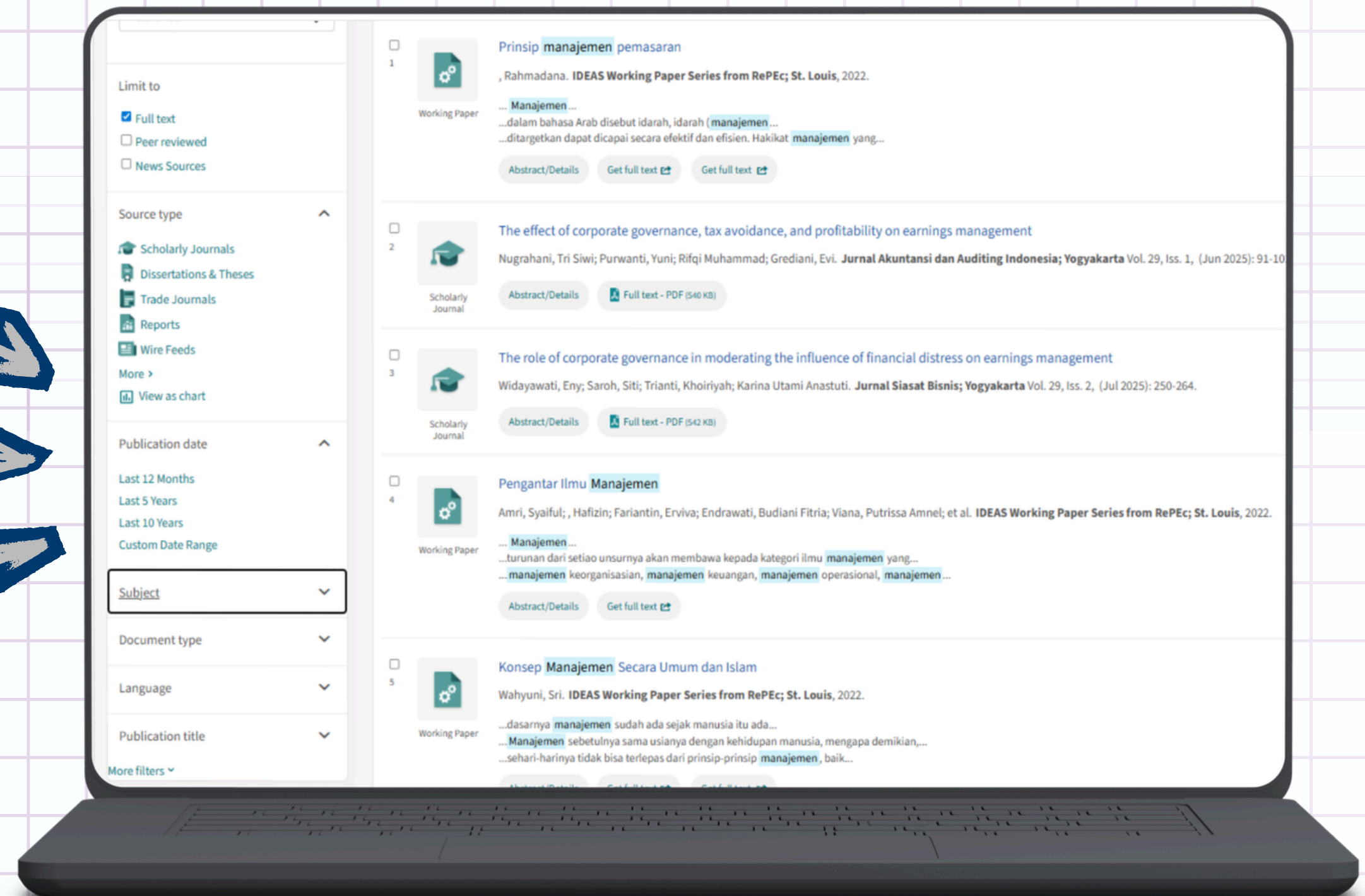
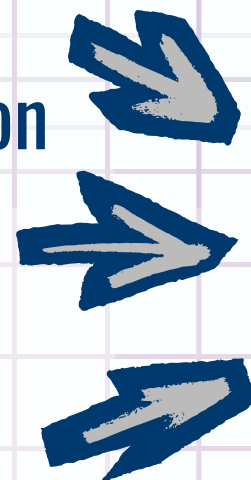


“management”

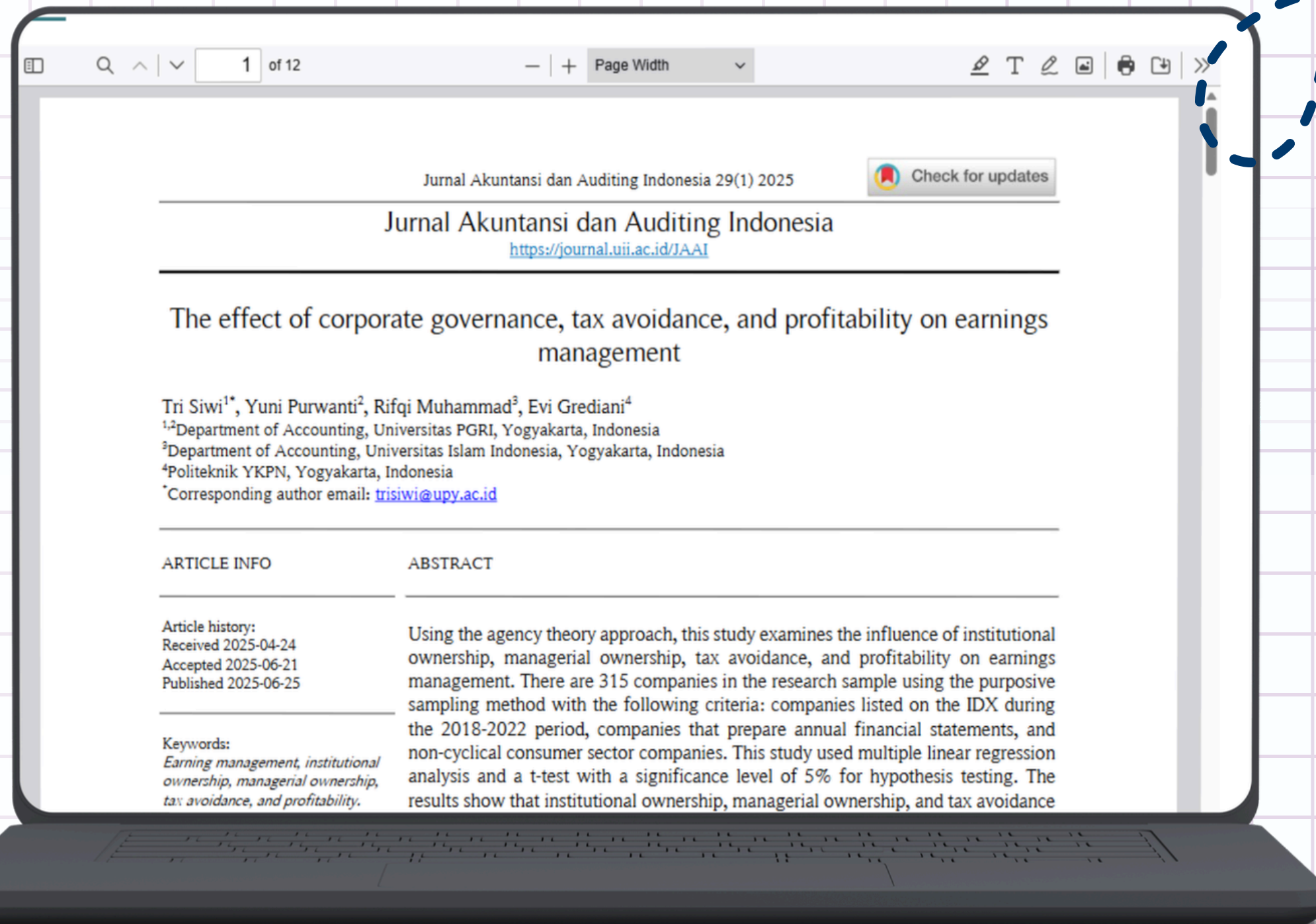


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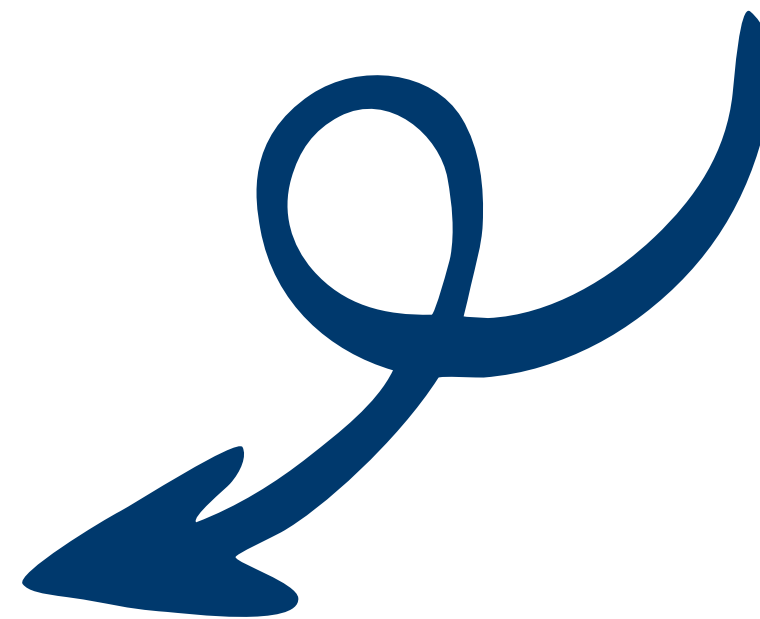
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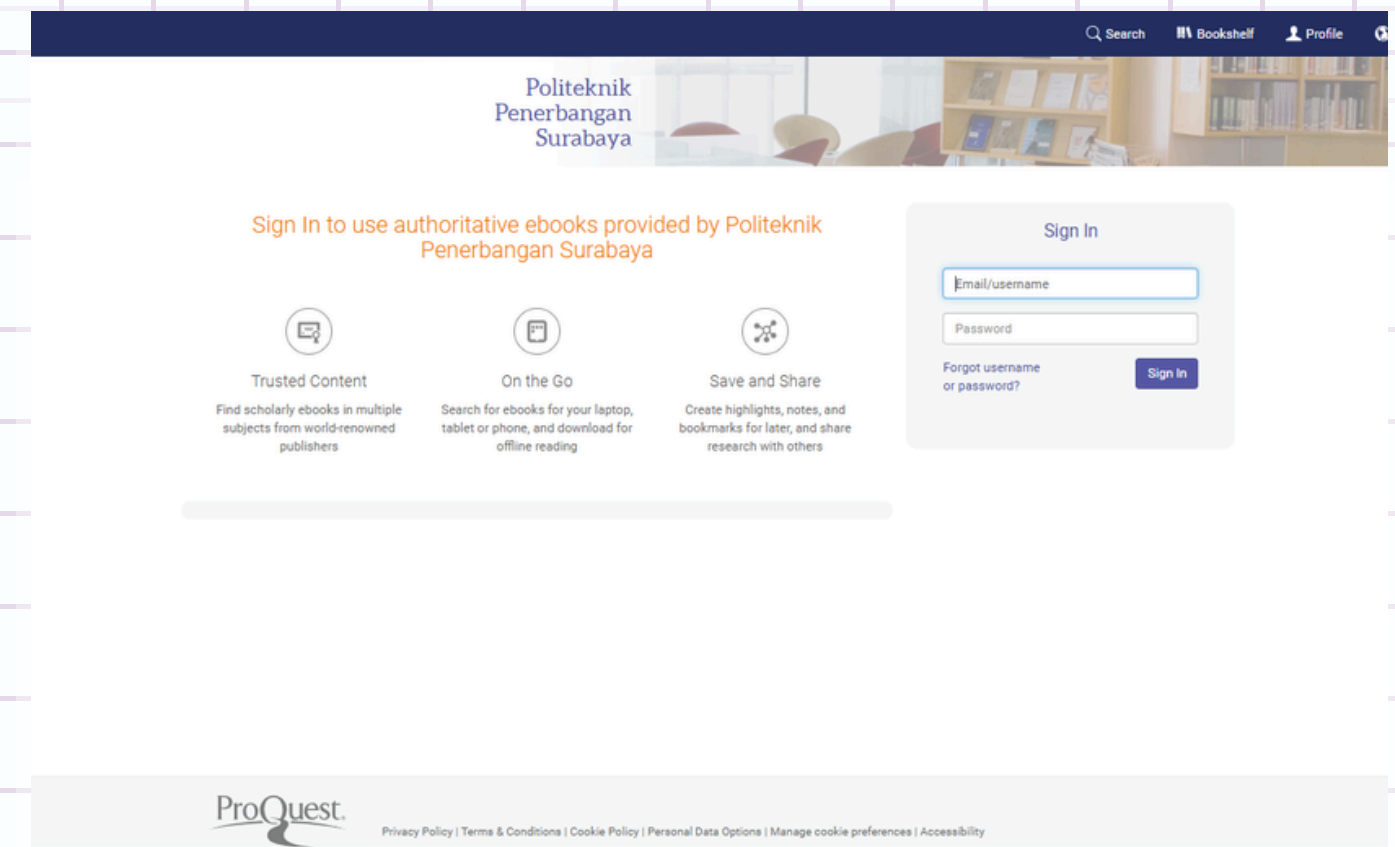
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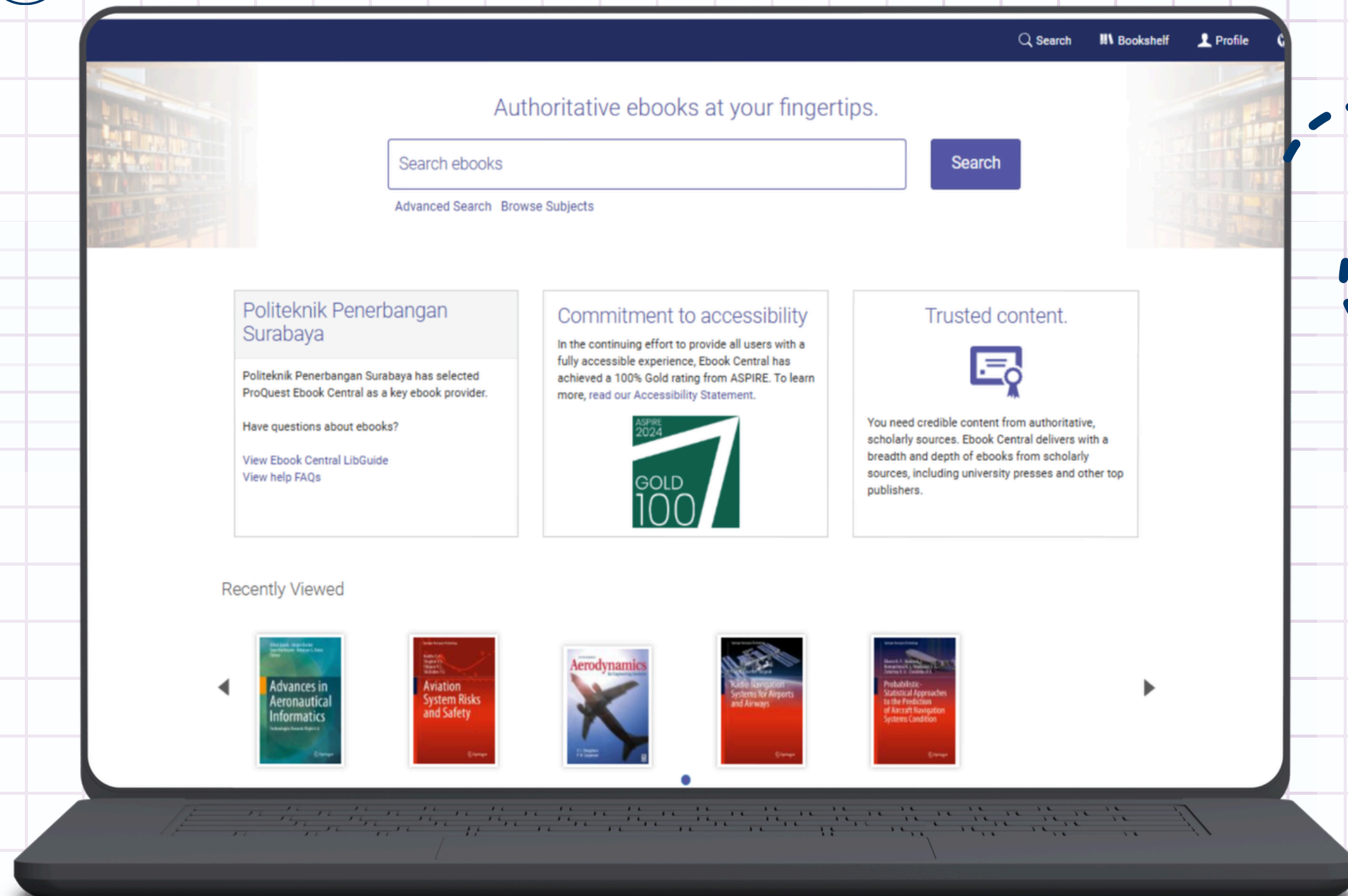
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Masukkan Username dan Password lalu Sign In



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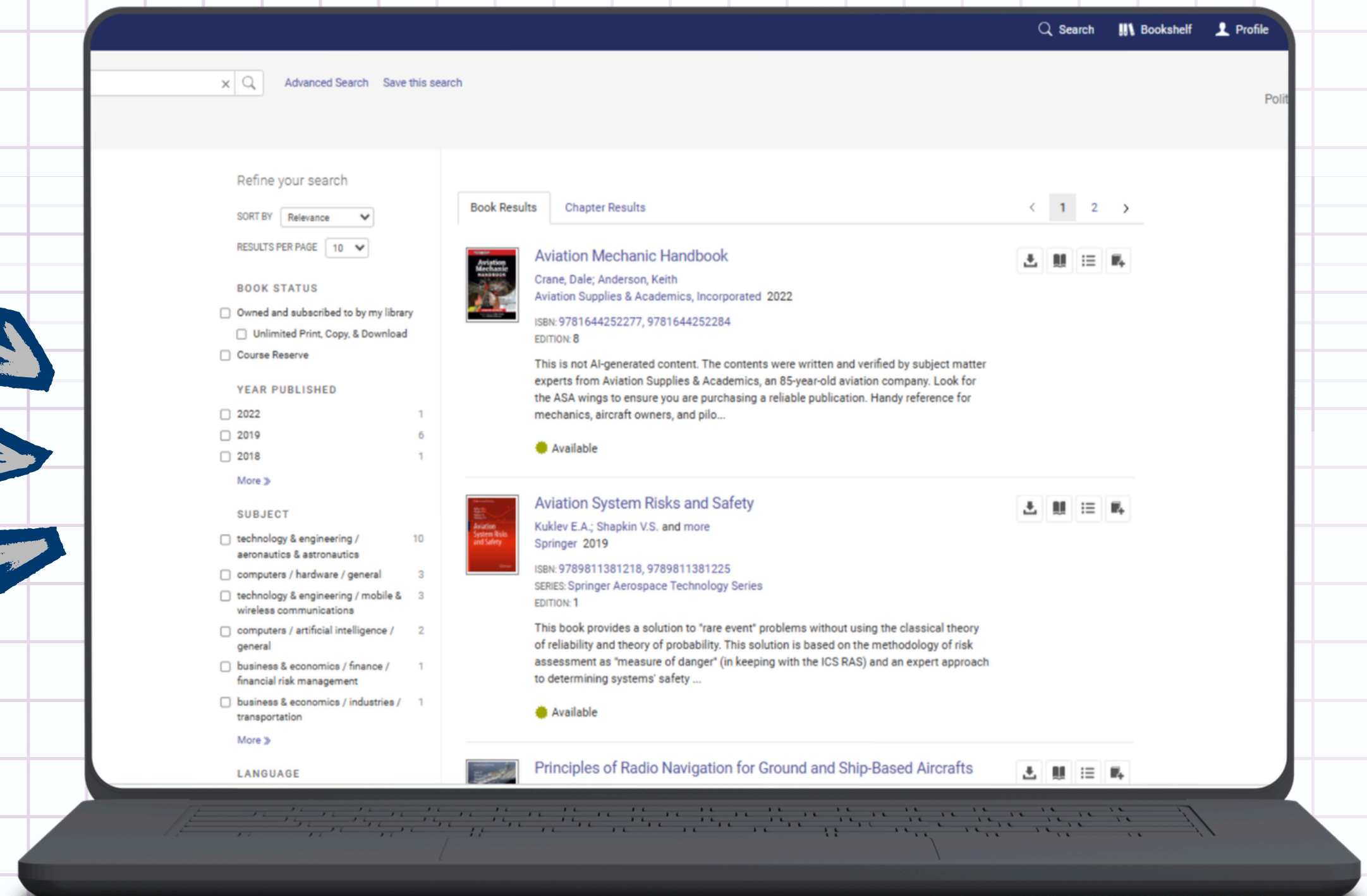
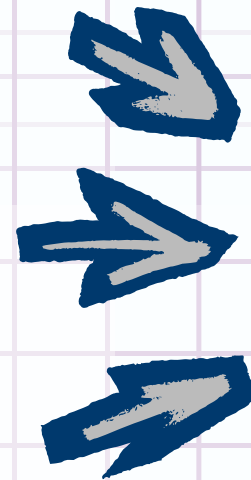
Pada kolom search, masukkan kata kunci pencarian, sebagai berikut :

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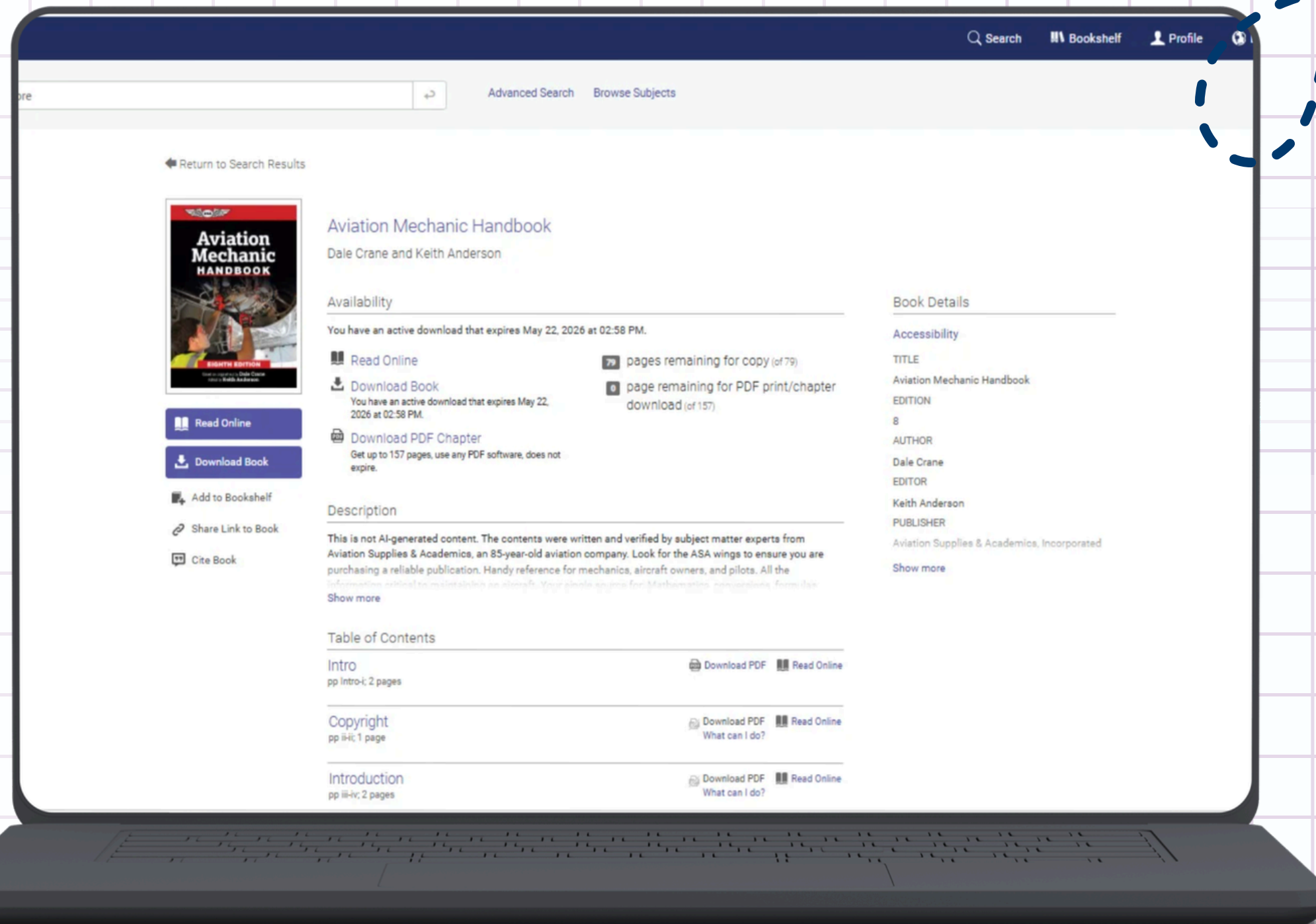


Tampilan hasil pencarian

Kalian bisa memanfaatkan fitur filter “book status, year, subject” untuk memastikan buku yang ditampilkan benar-benar sesuai yang kamu butuhkan.

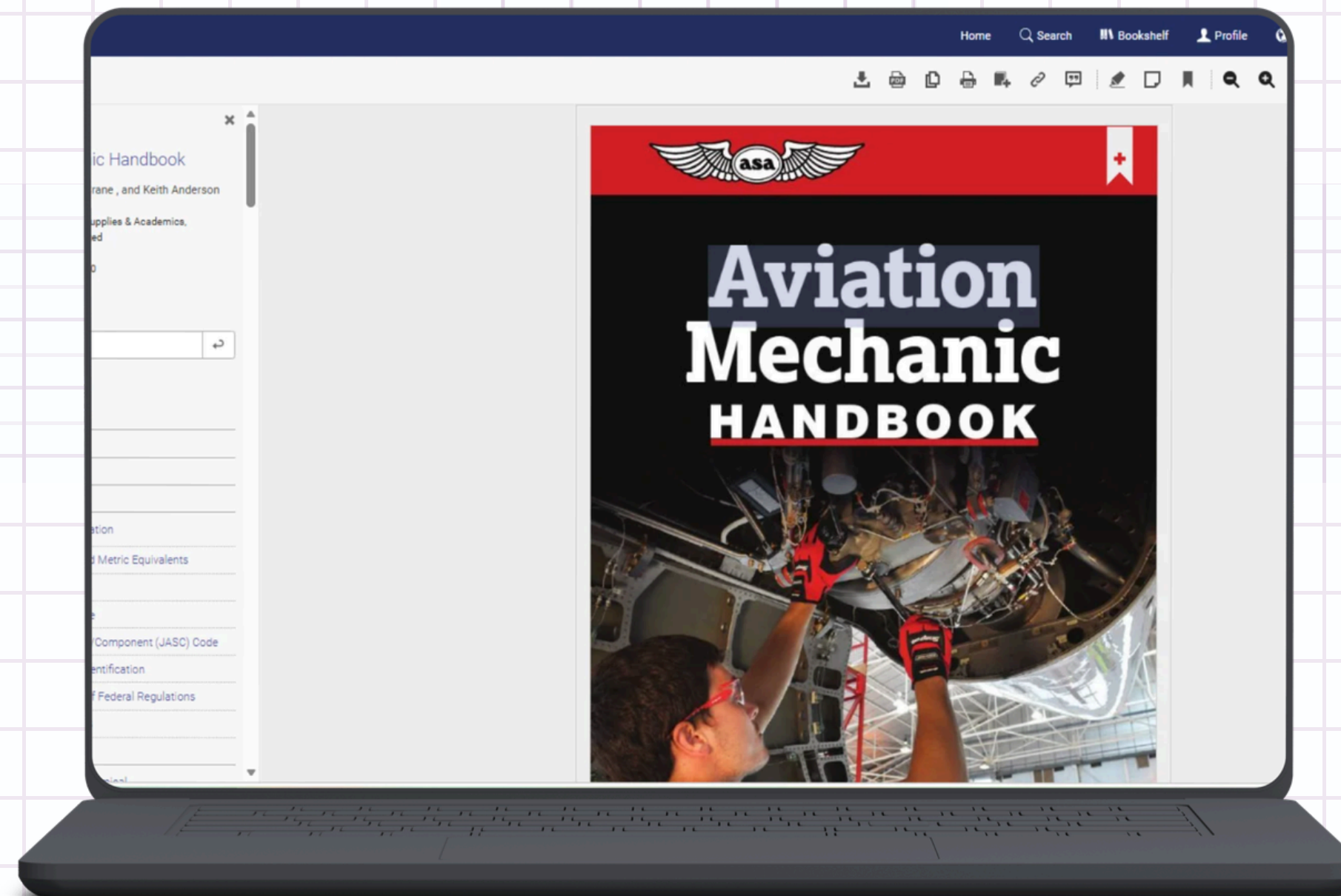


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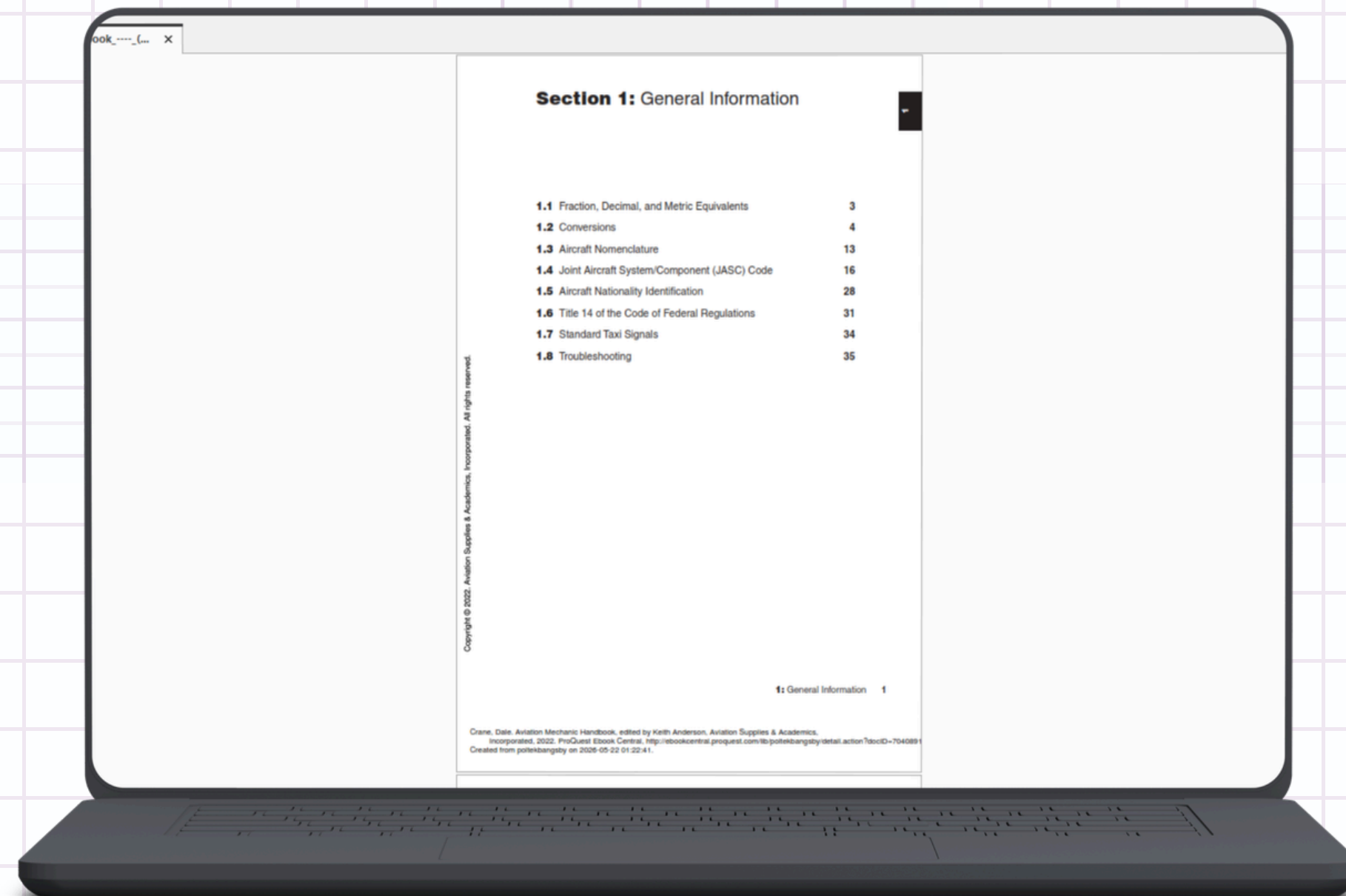


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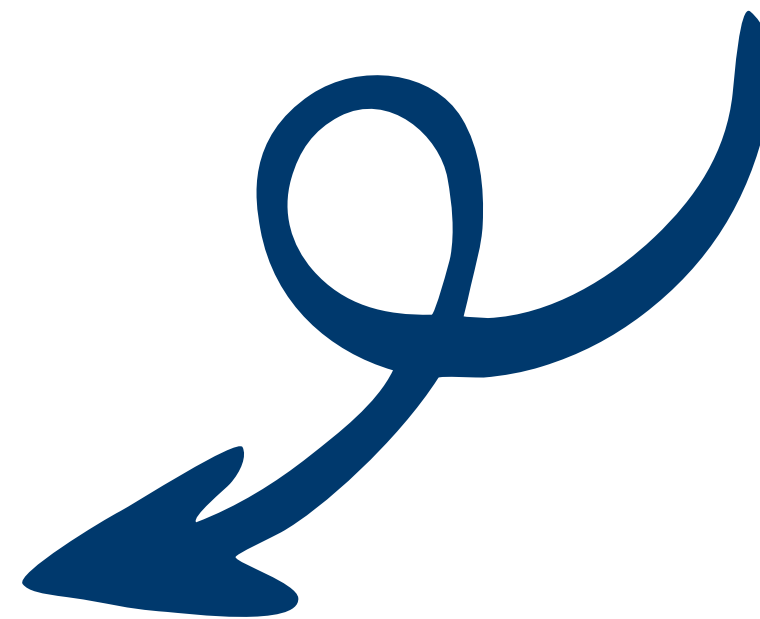
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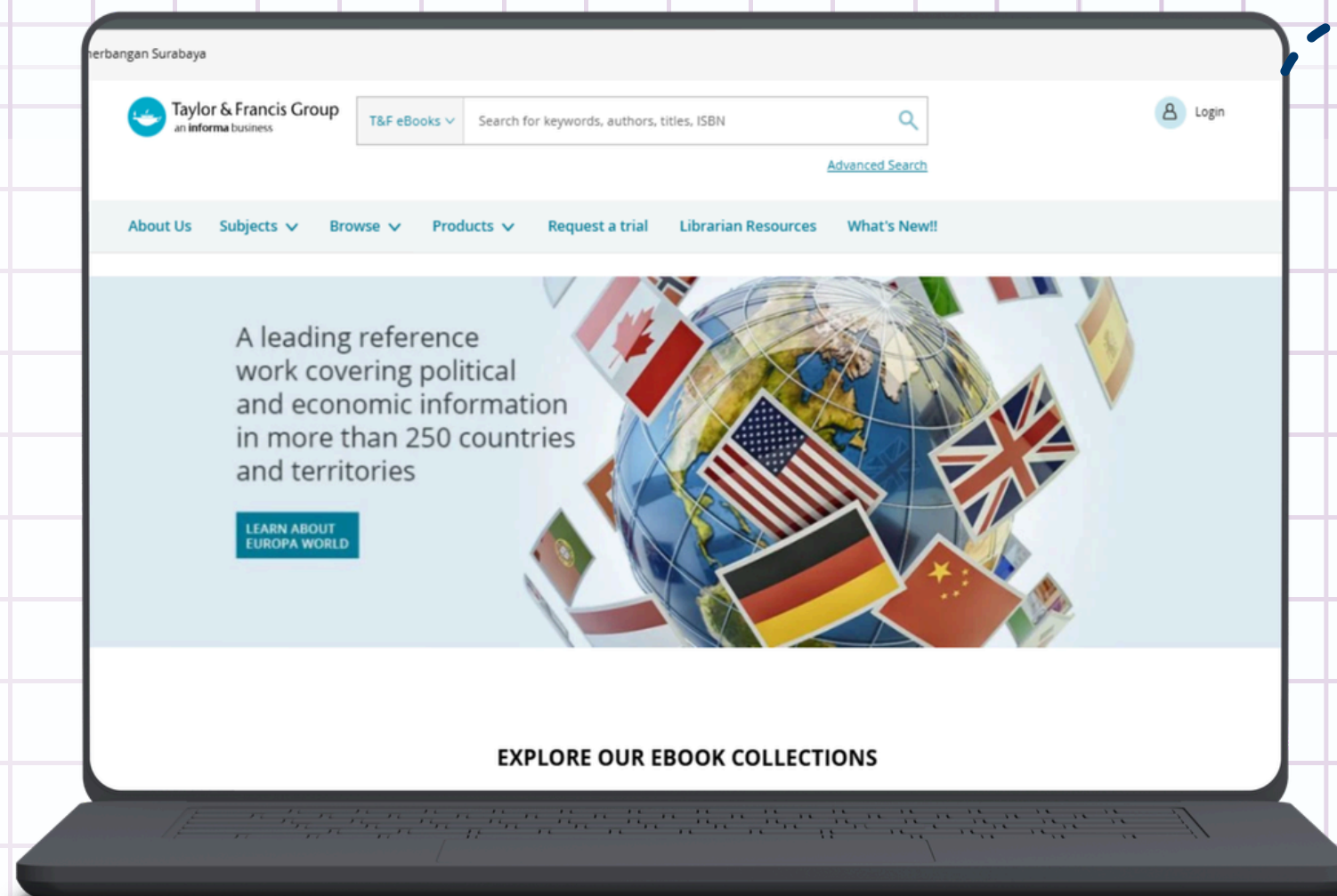


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Pada kolom search, masukkan kata kunci pencarian, sebagai berikut :



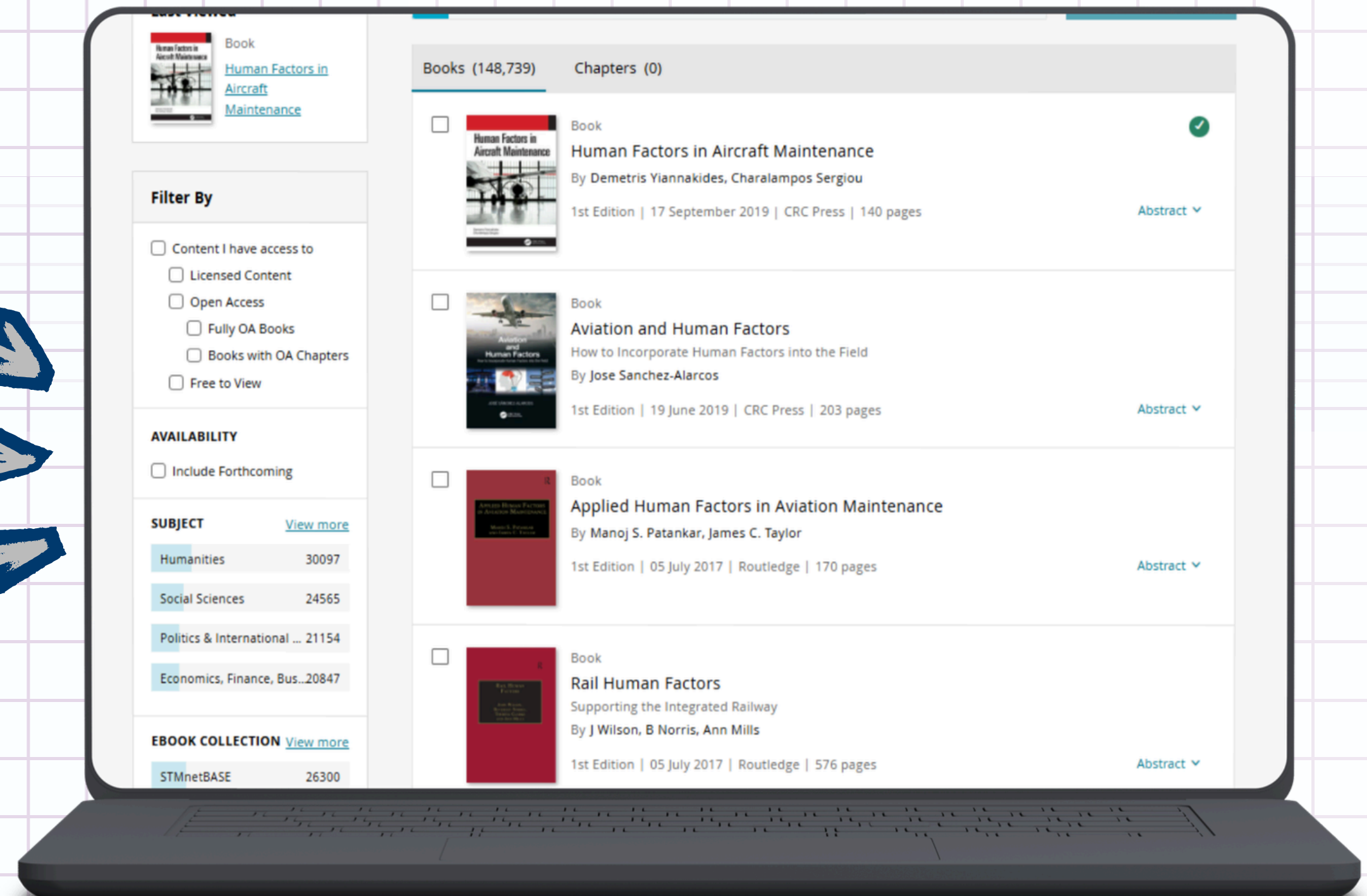
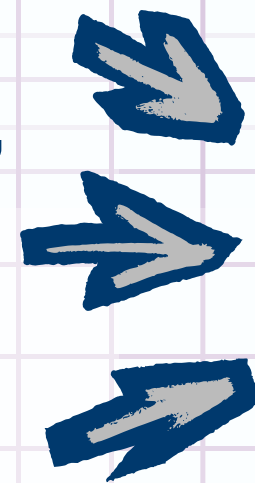
“Aviation”

swipe

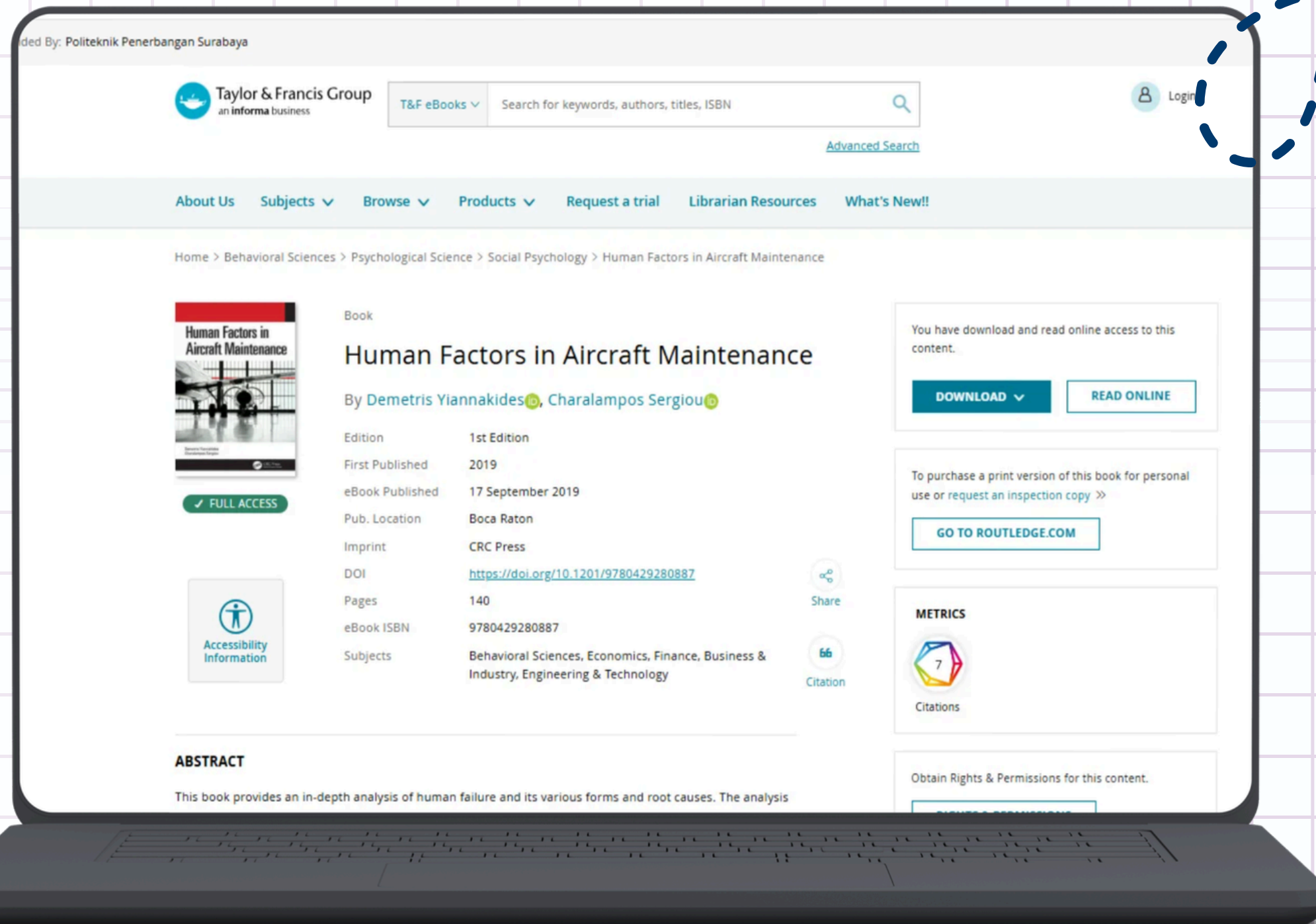


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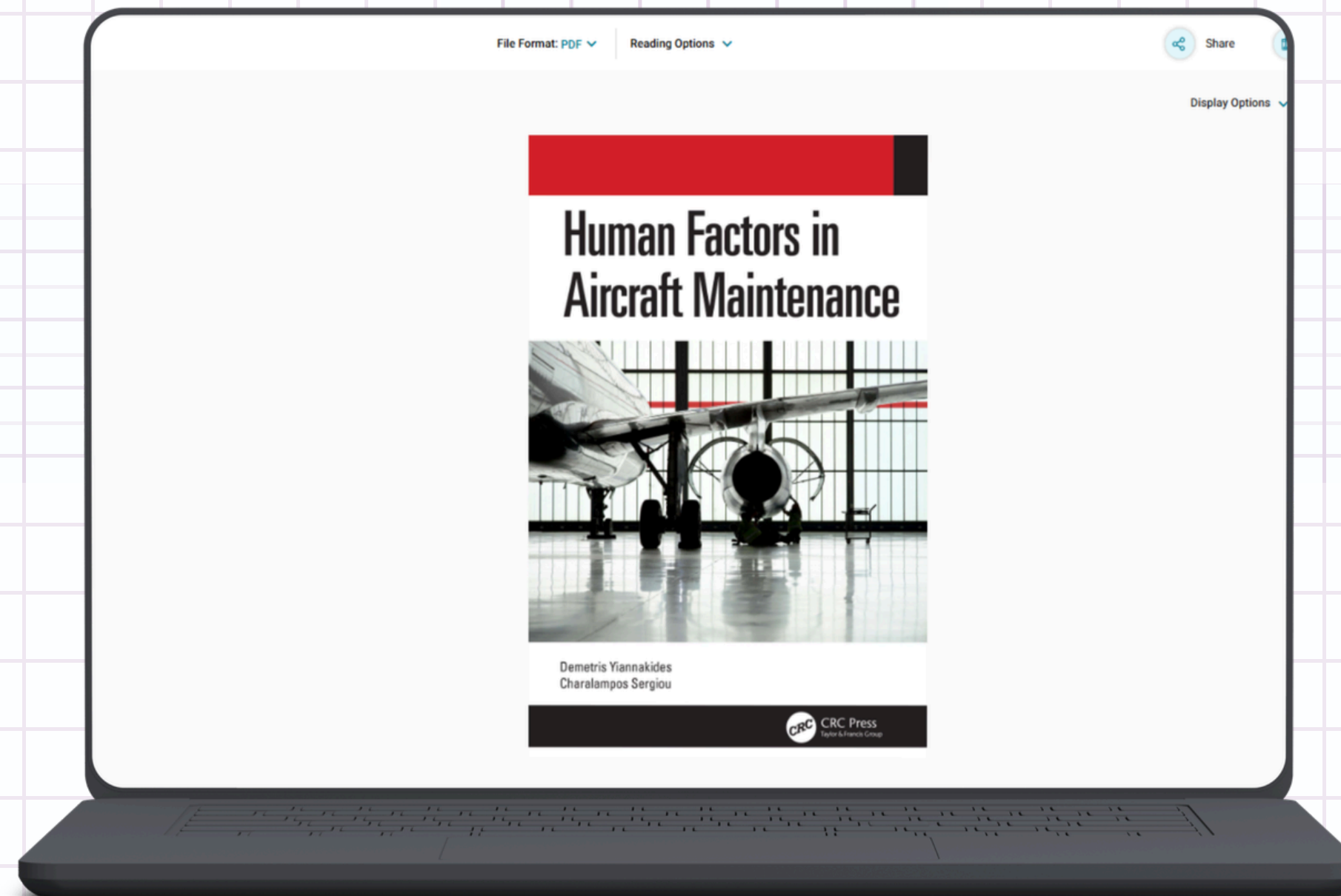
Pilih buku yang dibutuhkan



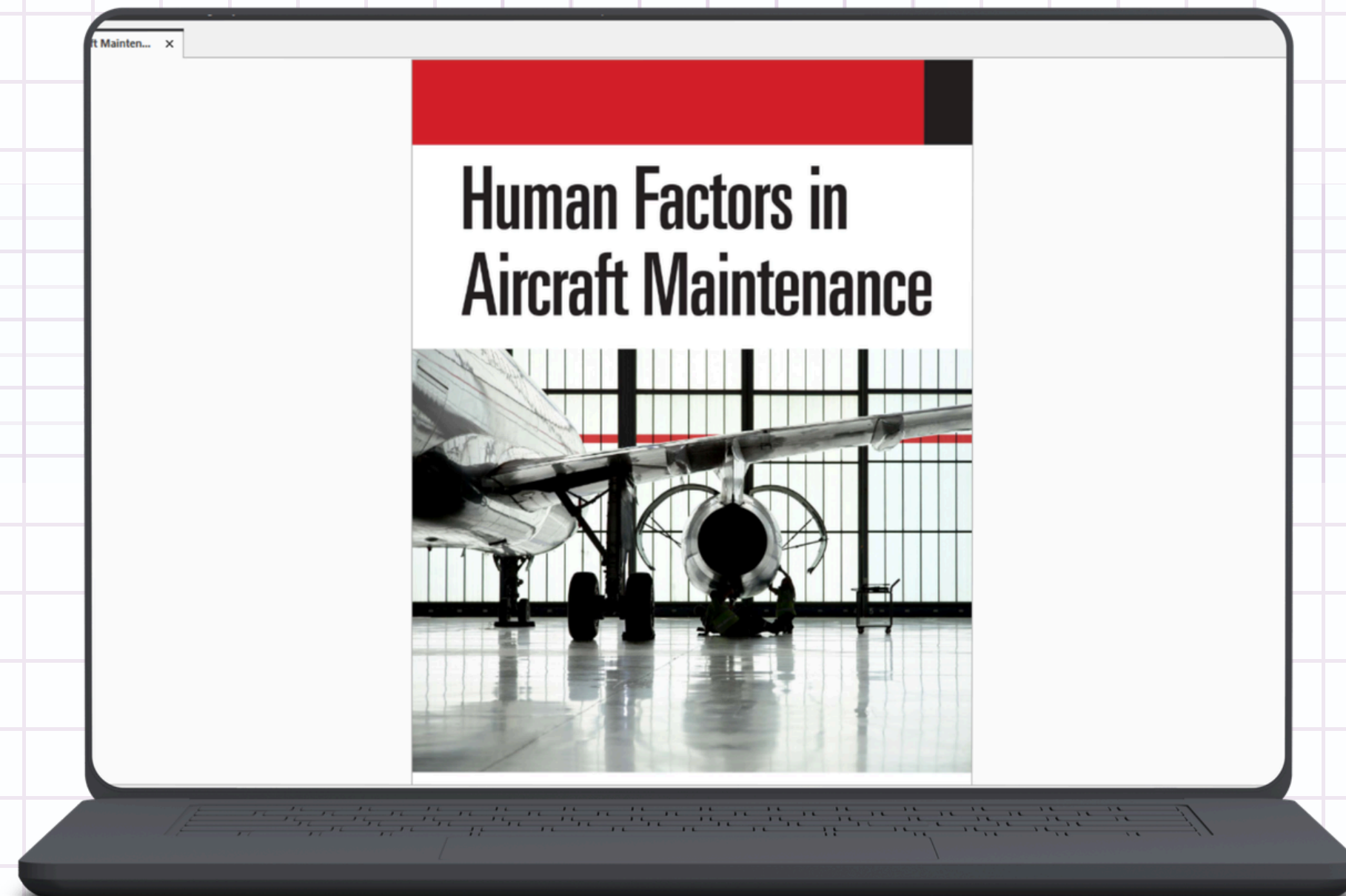
The screenshot shows the Taylor & Francis Group website interface. At the top, there is a navigation bar with links: HOME, PROFIL, LAYANAN, AREA PENGUNJUNG, OPAC, CITIUS, E-RESOURCE, and KERJASAMA. Below the navigation bar, the main content area displays the book details for "Human Factors in Aircraft Maintenance" by Demetris Yiannakides and Charalampos Sergiou. The book is available in full access. The page includes a search bar, a login button, and a navigation menu. The book details section includes the title, authors, edition (1st Edition), first published date (2019), eBook published date (17 September 2019), publication location (Boca Raton), imprint (CRC Press), DOI, pages (140), eBook ISBN (9780429280887), and subjects (Behavioral Sciences, Economics, Finance, Business & Industry, Engineering & Technology). There are also buttons for "DOWNLOAD" and "READ ONLINE".

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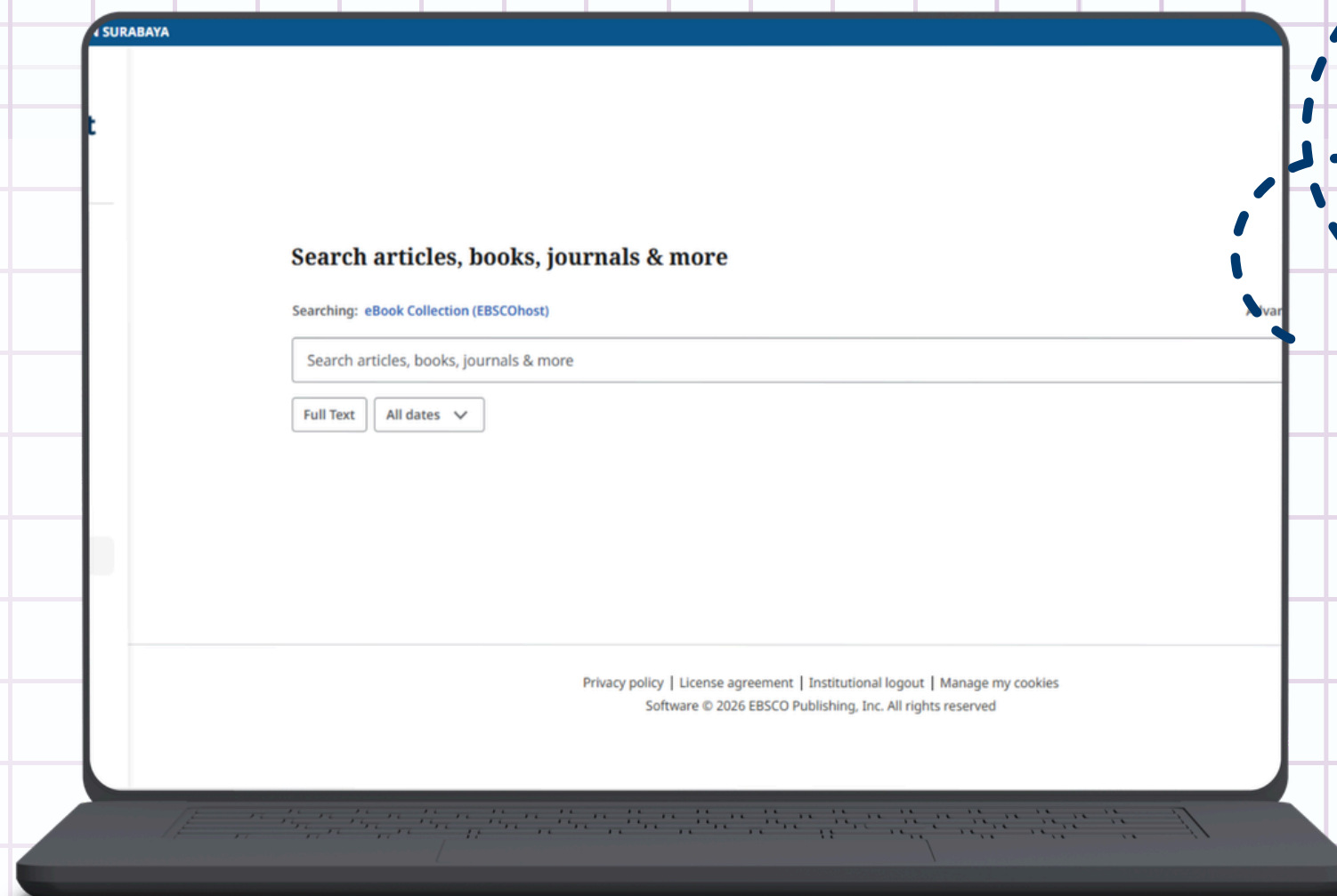
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2



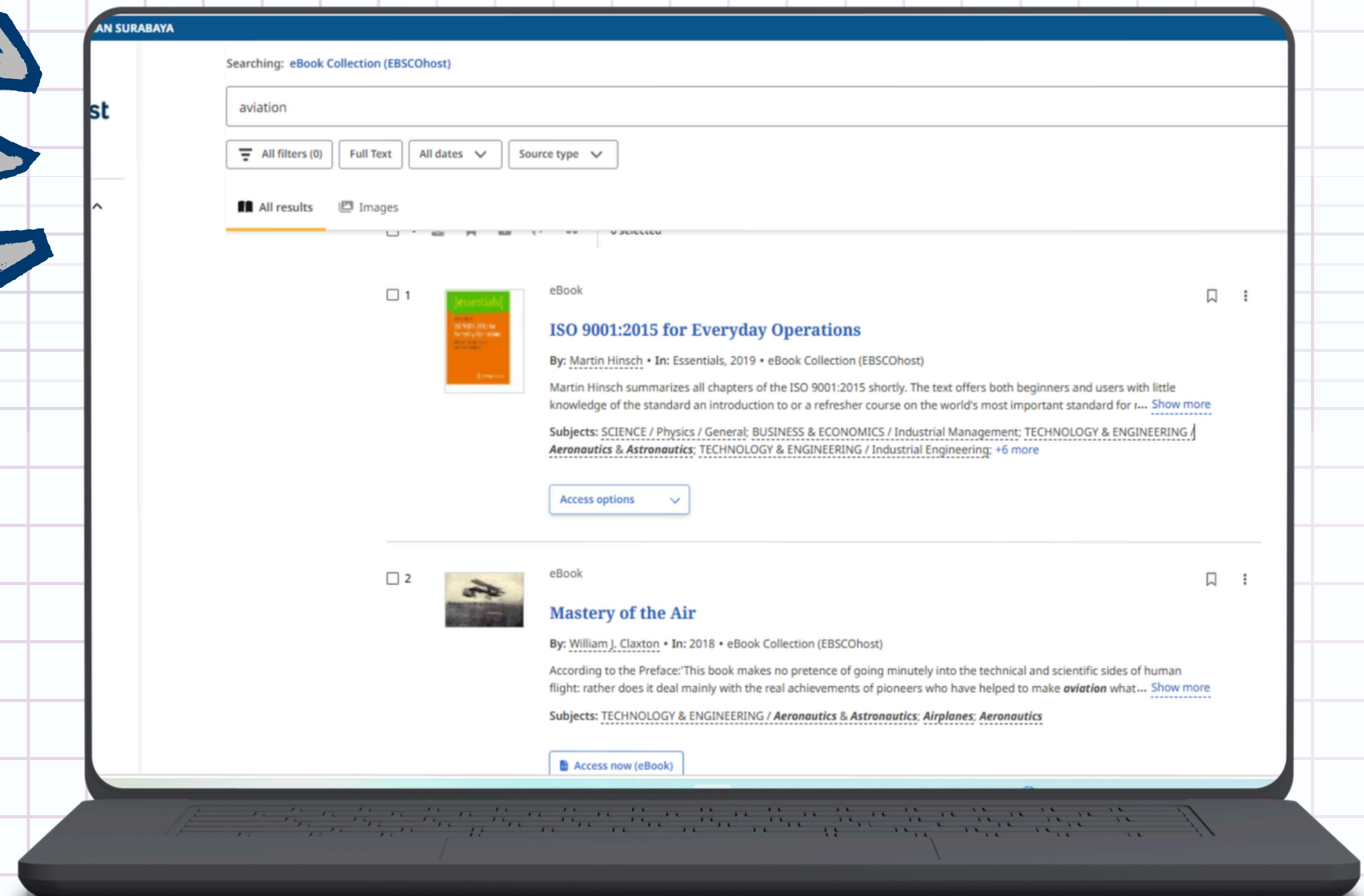
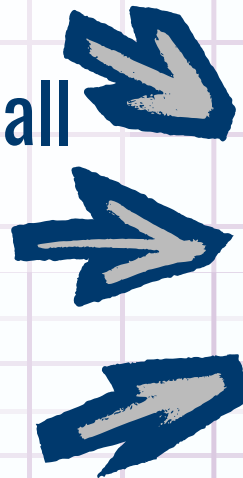
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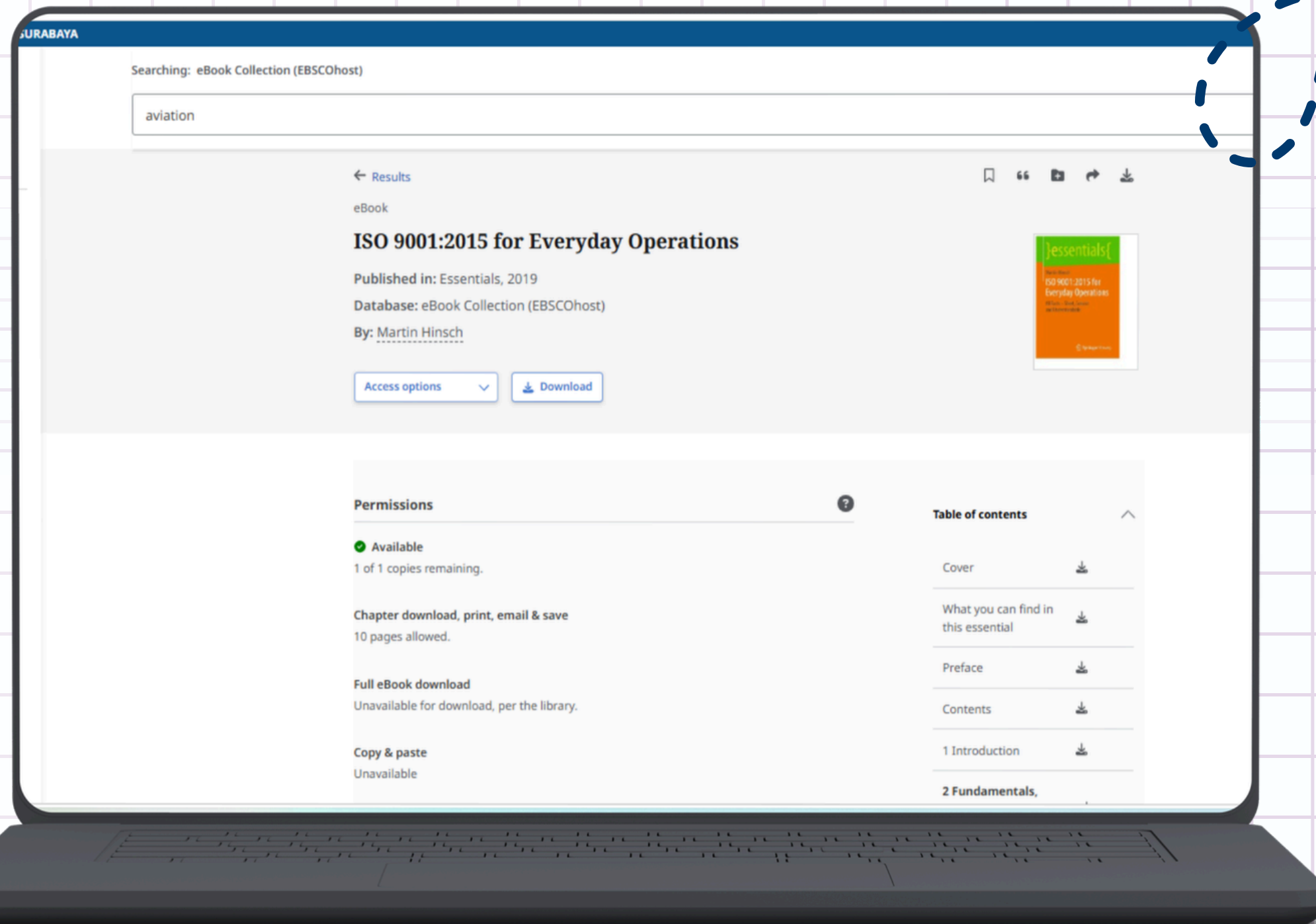


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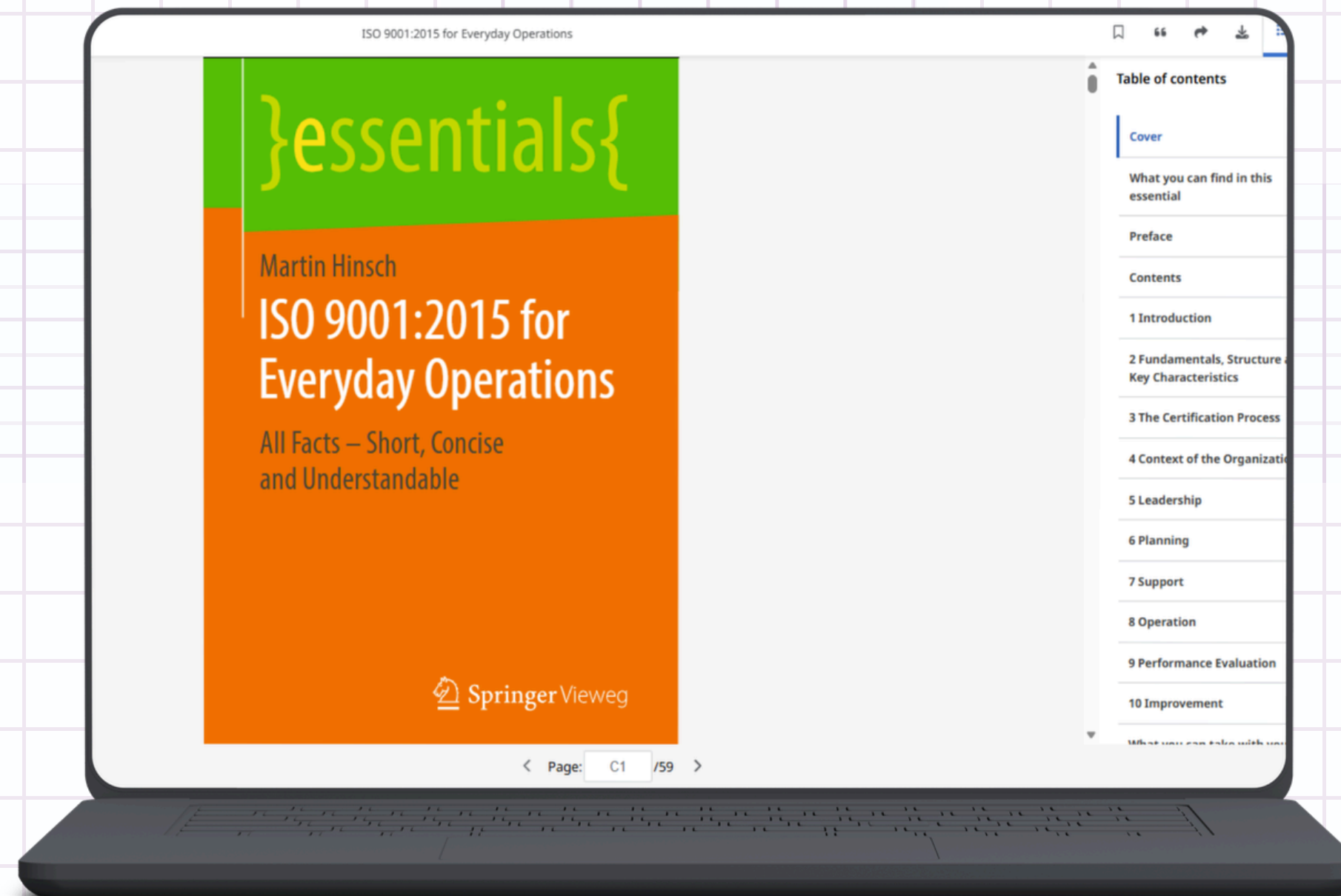


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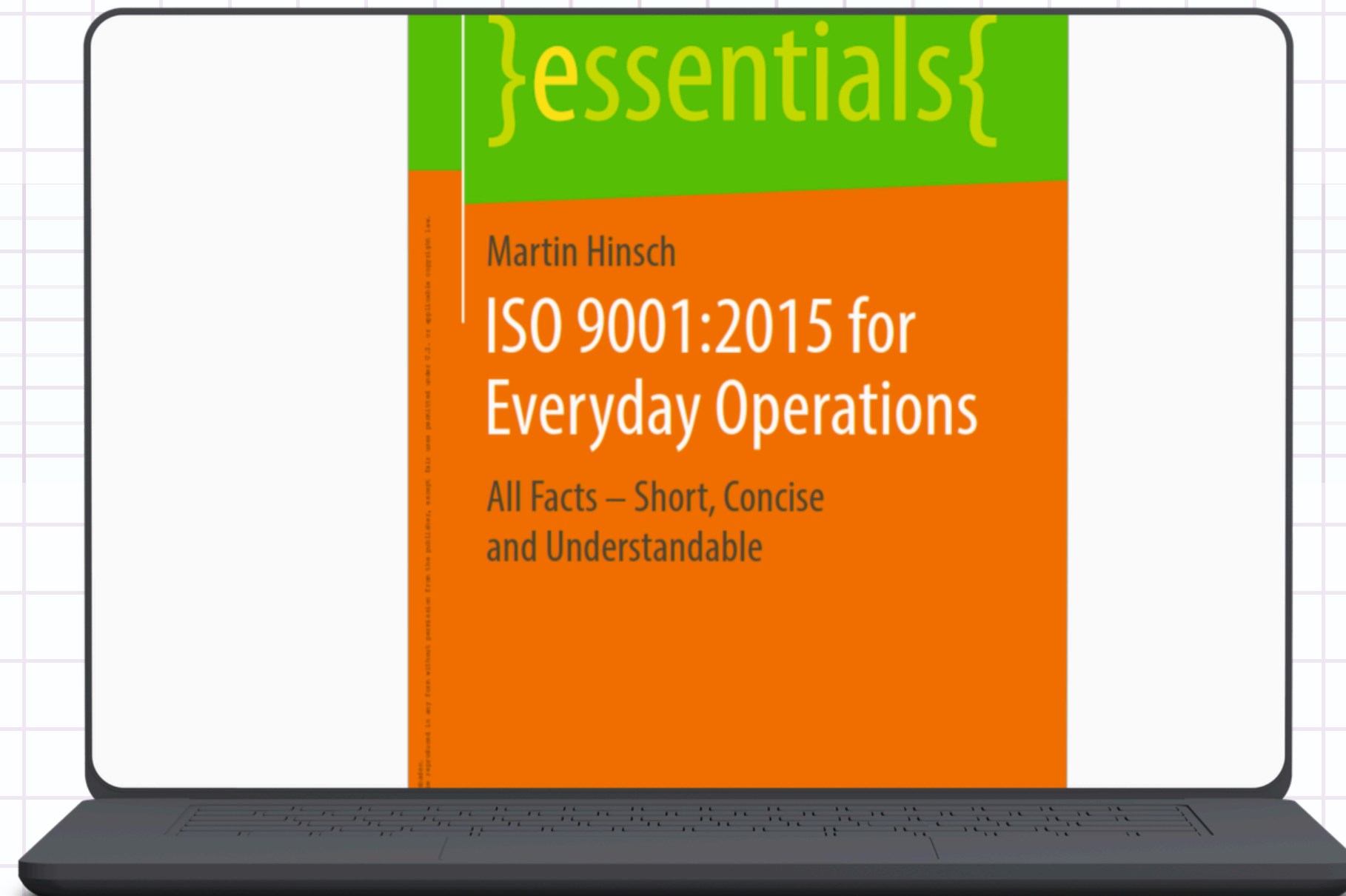


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Pass : advantage

2. **Gale Humaniora**

<https://link.gale.com/apps/menu?u=fpptijwt>

Pass : impressive

3. **Proquest Ekonomi**

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Pass : FPPTIJatim@1

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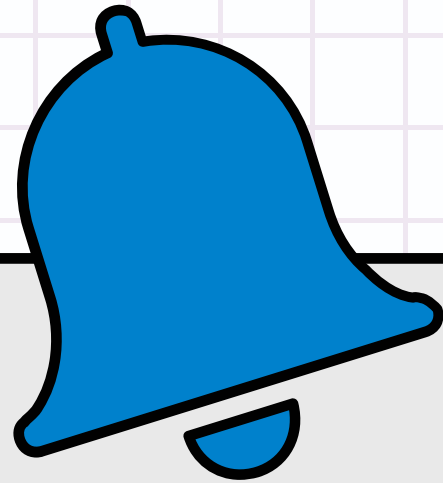
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