



User Manual



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1. REGISTRATION

** The “**register**” option will only be available if the user accesses from an authorized environment.*

What is an authorized environment?

Authentication by IP, Referral URL, proxy.

If the library does not have any of these accesses configured then the user will never see the option to register, it will be the library that creates the accounts for its students/users.

USER LOGIN

The first step is to **register*** or enter **your email** or **username** and **password** from the right side of the platform's home page.



eLibro

Login

Plataforma eLibro

EMAIL

PASSWORD

Login

[Forgot your password?](#)

Any authentication issues please send an email to
ayuda@elibro.com

2. HOME PAGE

This is what the main page of the platform looks like, from here you can access all the other sections.

The screenshot shows the eLibro Plataforma eLibro home page. The background is a large, multi-story library with curved bookshelves and a central reading area. The website interface is overlaid on the top of the image. Red arrows point from text labels on the left and right to specific UI elements.

Left-side annotations:

- Notifications (points to the notification icon in the top left)
- Library Link (points to the eLibro logo)
- Reduce or Enlarge Fonts (points to the font size icons)
- Interface Languages (points to the language flags)
- Different search methods (points to the search bar and search filters)

Right-side annotations:

- Personal profile / Settings (points to the user profile icon)
- Search by topic. (points to the Topics button)
- Help. A dropdown menu is displayed. (points to the help icon)
- Searches performed are saved here. (points to the My Searches button)
- User folder where you can save the titles you are working on. (points to the My Bookshelf button)

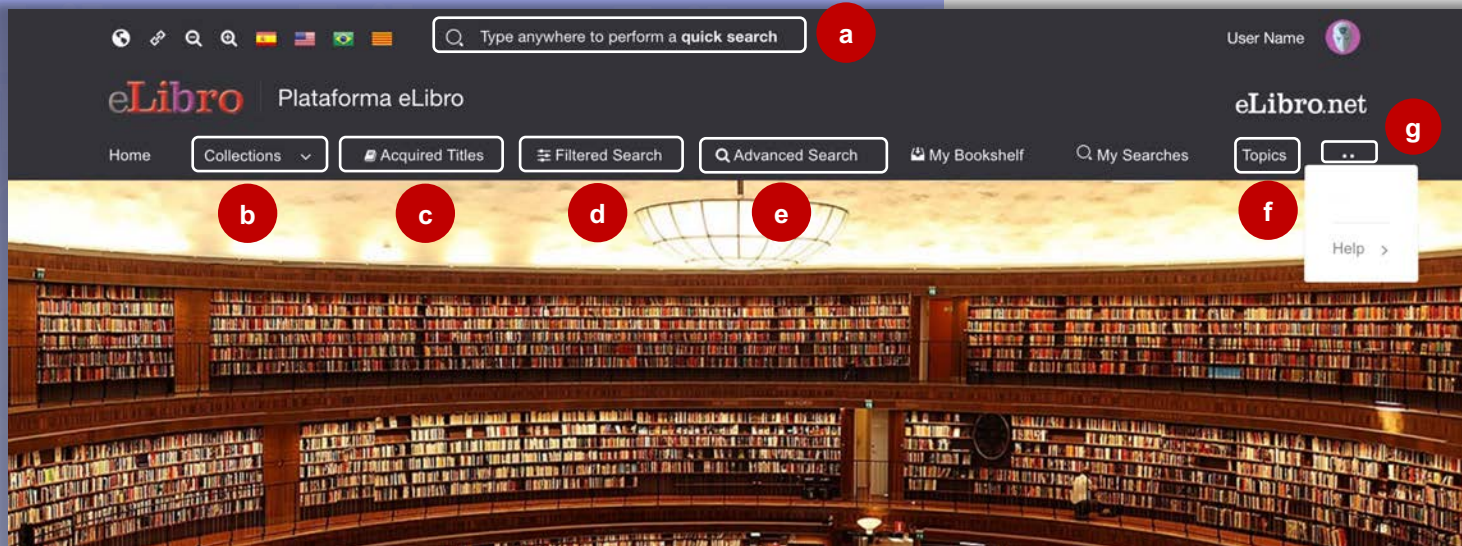
Website Interface Elements:

- Top navigation bar: Home, Collections, Acquired Titles, Filtered Search, Advanced Search, My Bookshelf, My Searches, Topics.
- Search bar: Type anywhere to perform a quick search.
- User profile: User Name, Personal profile / Settings.
- Footer: Hola, User Name.

3. SEARCHES



The platform hosts a large amount of content, which is why it has **6 types of searches** so that the user can use the one they prefer.



- a. General / Quick
- b. By Collections
- c. By Acquired Titles
- d. Filtered
- e. Advanced
- f. By Topics
- g. Help

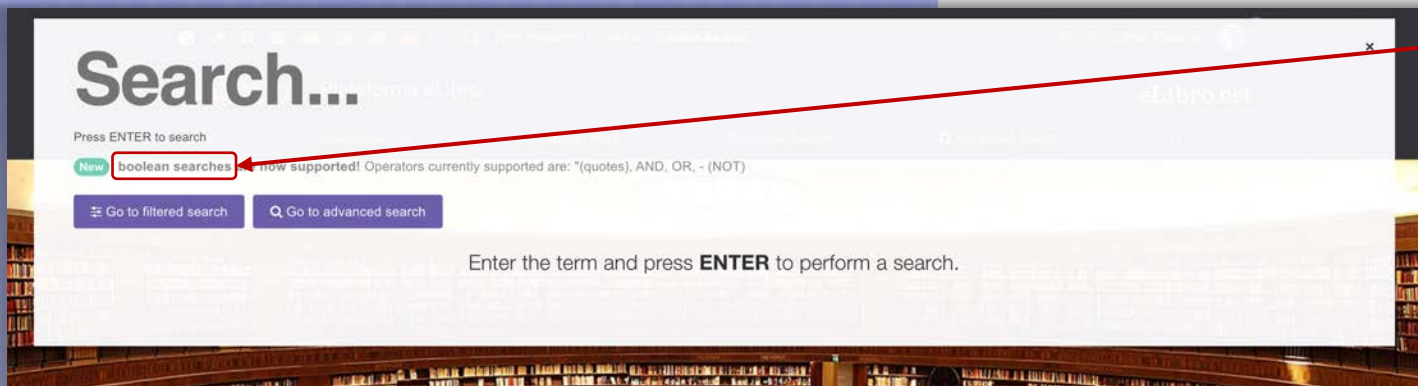
3. SEARCHES



a

Quick or General Search

This search is activated by pressing any key from any page on the platform.



VERY USEFUL: Boolean searches work by combining words and phrases with what are known as operators, to limit, broaden and define what you are looking for.

Operators include quotation marks (" ") and the words **AND**, **OR** and **NOT**.

These can be entered in either upper or lower case and are recognized as Boolean operators.

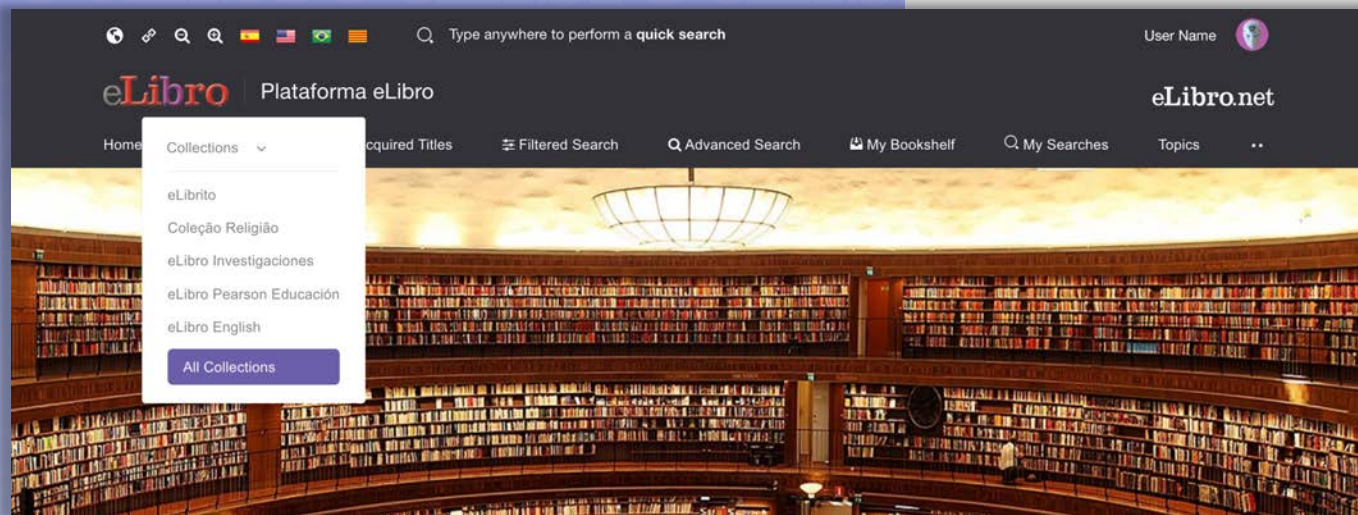
3. SEARCHES



b

Search by Collections

Allows you to filter titles by the collection(s) that the institution has subscribed to.



3. SEARCHES



Search by Acquired Titles

Here you will find titles that have been acquired separately.

The screenshot shows the eLibro Plataforma eLibro interface. The top navigation bar includes links for Home, Collections, Acquired Titles, Filtered Search, Advanced Search, My Bookshelf, My Searches, and Topics. The main content area is titled 'Acquired Titles' and features a search bar. Below the search bar, the results are displayed in a list format. The first result is 'Dirección estratégica (3a. ed.)' by Palacios Acero, Luis Carlos, published by Ecoe Ediciones in 2023. The second result is 'Cuadernos de pedagogía (516): La descentralización de la Educación' by Wolters Kluwer, published in 2021. A red arrow points to the text 'Total results: 22' located at the top right of the results area.

Time: 0.034 s

Total results: 22

Dirección estratégica (3a. ed.)

Authors: Palacios Acero, Luis Carlos
ISBN: 9789585036185, 9789585036178
Publisher: Ecoe Ediciones
Edition Year: 2023
Disponible en:

Cuadernos de pedagogía (516): La descentralización de la Educación

Authors: Wolters Kluwer
ISSN: 02100630
Publisher: WK - Cuadernos de Pedagogía
Edition Year: 2021
Disponible en:

The total of your acquired titles

3. SEARCHES



d

Filtered Search

Allows you to filter your search by document type, language, year of publication, author, and other categories. Results that do not match the applied filters are removed.

The screenshot shows the eLibro search interface. At the top, there's a navigation bar with 'eLibro' logo, 'Plataforma eLibro', and 'eLibro.net'. Below it, a search bar contains the text 'chemistry'. To the left of the search bar, there's a sidebar with various filters: Document type, Language, Year of publication, Subject, Publishers, Authors, Topics, and Tipo de formato. Below the filters is a 'Clean filters' button. The main search area shows 'Filtered Search' results. A red arrow points from the text 'VERY USEFUL: Boolean searches' to the search bar. The search results show two items: 'Chemistry (7th. ed.)' and 'Inorganic chemistry (2nd. ed.)'. The search bar also has a dropdown menu for 'Results' (50) and a 'Sort by' dropdown (No Order). The search bar also has a 'SEARCH TERM' label and a search icon.

VERY USEFUL: Boolean searches work by combining words and phrases with what are known as operators, to limit, broaden and define what you are looking for.

Operators include quotation marks (" ") and the words **AND**, **OR** and **NOT**.

These can be entered in either upper or lower case and are recognized as Boolean operators.

3. SEARCHES



e

Advanced Search

PRUEBADEMO > [BÚSQUEDA AVANZADA](#)

Q Advanced Search

New boolean searches are now supported! Operators currently supported are: "(quotes), AND, OR, - (NOT)

Word	contains	TYPE:		
Title	contains	TYPE:		
ISBN	contains	TYPE:		
Publication Year	range	FROM		UNTIL
Author	equals to	TYPE:		
Collection	equals to		eLibrito	
Word	contains	TYPE:		

[+ Add Filter](#)

[Save Search](#) [Texto a voz](#) [Search](#)

Enter the filters and press **SEARCH** to perform a search.

Allows you to use different types of filters to deepen your content search.

Add or remove filters according to your preference or need.

VERY USEFUL: Boolean searches work by combining words and phrases with what are known as operators, to limit, broaden and define what you are looking for.

Operators include quotation marks (" ") and the words **AND**, **OR** and **NOT**.

These can be entered in either upper or lower case and are recognized as Boolean operators.

3. SEARCHES



Advanced Search

Advanced searches can be saved for future reference.

PRUEBADEMO > BÚSQUEDA AVANZADA

Q Advanced Search

New boolean searches are now supported! Operators currently supported are: *(quotes), AND, OR, - (NOT)

Word contains TYPE:

Document Type: libro tesis manual articulo monografia revista informe capitulo

Tipo de formato: pdf epub audiobook

Topics: Quimica Chemistry -- Cuba -- Periodicals Chemistry Science -- Biochemistry Ciencias -- Bioquímica Technology -- Food science Tecnología -- Ciencia de los alimentos Biochemistry Bioquímica Química -- Publicaciones periódicas Chemistry -- Periodicals Química orgánica Environmental policy -- Mexico Science -- Periodicals Ciencia -- Publicaciones periódicas Chemistry, Organic Química Research -- Venezuela -- Periodicals Ciencia -- Investigación -- Publicaciones periódicas Chemical engineering -- Cuba -- Periodicals

Load more topics +

Results: Sort by:

IN COLLECTION **3,083** ACQUIRED TITLES **0** CONTENT

Time: 0.439 s Total results: 3,083

Chemistry (7th. ed.)
Authors: Robinson, Jill K. - Fay, Robert C. - McMurry, John E.

They can be filtered by document type, document format, and by topic.

3. SEARCHES



Search by Topics

Allows you to search for titles based on the area of interest.

HOME > TOPICS

Topics

THEMES AVAILABLE IN THE LIBRARY

General Works <ul style="list-style-type: none">Collections. Series. Collected worksEncyclopediasDictionaries and other general reference worksIndexesMuseums. Collectors and collectingPeriodicalsAcademies and learned societiesYearbooks. Almanacs. DirectoriesHistory of scholarship and learning. The humanities	Philosophy. Psychology. Religion <ul style="list-style-type: none">Philosophy (General)LogicSpeculative philosophyPsychologyAestheticsEthicsReligions. Mythology. RationalismJudaismIslam. Bahaim. Theosophy, etc.BuddhismChristianityThe BibleDoctrinal TheologyPractical TheologyChristian Denominations	Auxiliary Sciences Of History <ul style="list-style-type: none">Auxiliary Sciences of History (General)History of CivilizationArchaeologyDiplomatics. Archives. SealsTechnical Chronology. CalendarNumismaticsInscriptions. EpigraphyHeraldryGenealogyBiography
World History And History Of Europe, Asia, Africa, Australia, New Zealand, Etc. <ul style="list-style-type: none">History (General)History of Great BritainHistory of Austria. Liechtenstein. Hungary.Czechoslovakia	History Of The Americas <ul style="list-style-type: none">America	History Of The Americas <ul style="list-style-type: none">United States local history

3. SEARCHES



Results

Results: 50 Sort by: No Order

IN COLLECTION 149 ACQUIRED TITLES 0 CONTENT

Time: 1.708 s Total results: 149

Cerámica importada en Asturias entre los siglos XIII y XVIII: un análisis arqueológico
Authors: Busto Zapico, Miguel
ISBN: 9788436280357
Publisher: UNED - Universidad Nacional de Educación a Distancia
Edition Year: 2024
Disponible en: [Icon]

Museografía comparada
Authors: Gómez Martínez, Javier
ISBN: 9788419525802, 9788419525888
Publisher: Ediciones Trea
Edition Year: 2023
Disponible en: [Icon]

El agroparque Sabio Mutis
Authors: Jaramillo Cuartas, Diego
ISBN: 9789587636369, 9789587636352
Publisher: Corporación Universitaria Minuto de Dios
Edition Year: 2023
Disponible en: [Icon]

In some searches, the results are grouped according to **3 categories**:

In collection: these are texts that are within the collection(s), in case they have subscribed to collections.

Acquired titles: titles acquired by the institution are shown, in case they have titles with this modality.

Content: is the result of the search found within the documents.

4. MY BOOKSHELF



It is personal to each user, where the chosen documents can be saved and organized in subfolders.

PRUEBADEMO > ESTANTERIA

Bookshelf

Search for a folder...

MIS CARPETAS

- all titles
- titles without folder
- Cosmos
- English**
- Marketing

Create Folder

English (5)

Send to Folder Share folder Delete book Delete folder Edit

TITLE
Search for titles...

Cover	Title	Highlights	Notes	Bookmarks	ELI	Actions
<input checked="" type="checkbox"/>	 Public Administration And Law Editor: Beckett, Julia Editor: Koenig, Heidi O. E-ISBN: 9781317461968 P-ISBN: 9780765615428	<div>0</div> <div>0</div> <div>0</div>	0	0	0	<input type="checkbox"/> Read online
<input type="checkbox"/>	 The Stars of Heaven Autor: Pickover, Clifford A. E-ISBN: 9780195346800	<div>0</div> <div>0</div> <div>0</div>	0	0	0	<input type="checkbox"/> Read online
<input type="checkbox"/>	 Marketing 4.0: Moving from Traditional to Digital Autor: Kotler, Philip Autor: Kartajaya, Hermawan Autor: Setiawan, Iwan E-ISBN: 9781119341147	<div>0</div> <div>0</div> <div>0</div>	0	0	0	<input type="checkbox"/> Read online
<input type="checkbox"/>	 A Brief Atlas of the Human Body Autor: Hutchinson, Matt Autor: Mallatt, Jon Autor: Marish, Elaine N.	<div>0</div> <div>0</div> <div>0</div>	0	0	0	<input type="checkbox"/> Read online

Checking the box for the document enables options such as:

- Send the document to one of our folders that we can create ourselves.
- Delete it from your bookshelf.

5. PREVIEW



When you open a document, you access the Preview, which displays bibliographic information, availability, and many other options.

The Stars of Heaven

Availability

- 254 pages visible from the title.
- 102 pages for print of the title.
- 99 pages to copy/paste from the title.
- Available the audio for this title.

Type of access

- MUPO This title has multi-user access

Availability for download

Descargas del día tiene 5 Available(s)

Downloads available for use within the month have 14 Available(s)

Bibliographic Information

AUTHOR:	Pickover, Clifford A.	EDITION:	-
PRINT ISBN:	-	VOLUME:	0
E - ISBN:	9780195346800	LANGUAGE:	English
PUBLISHER:	Oxford University Press UK	# OF PAGES:	254

Read online

Bibliographic Reference

Add to Bookshelf

Download

From here you can perform the following actions:

- Read online
- Get a Bibliographic Reference
- Add to bookshelf
- Download

6. READING MODES



There are two ways to read the texts:



a. Online



b. Downloaded

6. READING MODES



Online reading

When you open the title in the online reader, you can see the table of contents and its bibliographical information on the left side, **general tools** at the top and more **specific tools** on the right.

Page number | Document search | Link to a text or page | Reduce or enlarge text

The Stars of Heaven

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Write anywhere to search

Zoom-out

Stored notes, bookmarks, and highlights

eLi – Artificial Intelligence

Audio

Add Bookmark

Add Note

Highlights

Study cards

Bookshelf

Bibliographic Reference

Summary Mode

Copy

Print

Dictionary – Artificial Intelligence

Wikipedia

Translate

Biography

Maps

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Tools

Our users' favorite!

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Write anywhere to search

70 *The Stars of Heaven*

Here's the solution to Olbers' paradox: We do not live in an infinite and static Universe. The Universe has a finite age and a non-Euclidean spacetime geometry; that is, it is expanding. Because only around 12 billion years have elapsed since the Big Bang, we can only observe stars out to a finite distance of about 12 billion light years. This means that the number of stars, about ten thousand billion billion (10^{22}), is finite. Because of the speed of light, there are portions of the Universe we never see. Because light travels at a known, constant velocity, light from very distant stars has not had time to reach the Earth. The first person to suggest this resolution to Olbers' Paradox was the writer Edgar Allan Poe. (In his prose poem "Eureka" [1848], Poe discusses the paradox as well as other scientific ideas.)

Another factor to consider is that the Universe is expanding. This expansion acts to darken the night sky because the distant stars brighten the night sky less than they would in a simple Euclidean space. Starlight expands into an ever vaster space. Also, the Doppler effect causes a redshift in the wavelengths of light emitted from the rapidly receding stars.

Imagine what would happen if our Universe had an infinite age or was static. The night sky would be as bright as a star's surface, and life would not evolve. The planets would be fried. Religious people may find this interesting. They might argue that we would need God to *create* a Universe (i.e., the Universe could not have persisted for all eternity) for life to evolve using the known laws of physics. We "need" a Universe that is finite in space and in time. There has to

Play page: 90

Page reader: (Audio)

Allows you to listen to the current page being read continuously until you press the pause button.

It can be disabled by clicking on the icon again.

6. READING MODES



Tools

Our users' favorite!

The Stars of Heaven

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Write anywhere to search

92

The Stars of Heaven

in humans a burning sensation, followed by a series of ecstatic religious visions often involving angels, Moses, and unleavened bread, and eventually caused death.

Bob pushes the thor... grass. "For centuries, scientists hypothe... born from a rotating disk of cosmic gas and dust. The flat disk constrained the nascent planets to have orbits lying roughly in the same plane. This *nebular theory* was proposed as far back as 1755 by the philosopher Immanuel Kant.

Bob puts another blade of grass in his mouth. They're hard to resist.

"Kant was essentially correct," Bob says. "In the last years of the twentieth century, the Hubble Space Telescope (HST) revealed several dozen disks at visible wavelengths in the Orion Nebula, a giant stellar nursery about 1,600 light years away. We call them 'proplyds,' a contraction of the term protoplanetary disks. The Orion proplyds are larger than the Sun's solar system and contain enough gas and dust to provide the raw material for future planetary systems"¹ (figure 6.1).

Now Miss Muxdrööl is chewing on the grass. "So Kant got it mostly right in the 1770s?"

"Brunhilde, display solar nebula theory." Brunhilde displays figure 6.2. "Yes, stars and their disks form by the gravitational collapse of large volumes of sparse

Audio engine for translation into three languages:

Aloud translator.

When you select a text fragment or a word, a floating menu appears that allows you to select a text reading tool in 3 languages: Spanish, English and Portuguese. Selecting the flag will be the language in which that fragment will be read.

It also enables you to highlight, copy, add notes or consult **eLi***.

**eLi has a special section below.*

6. READING MODES



Tools

The screenshot shows the eLibro application interface. On the left is a dark sidebar with a table of contents for 'The Stars of Heaven'. The main area displays the text of the book, starting with 'Here's the solution to Olbers' paradox: We do not live in an infinite and static Universe. The Universe has a finite age and a non-Euclidean spacetime geometry; that is, it is expanding. Because only around 12 billion years have elapsed since the Big Bang, we can only observe stars out to a finite distance of about 12 billion light years. This means that the number of stars, about ten thousand billion billion (10^{23}), is finite. Because of the speed of light, there are portions of the Universe we never see. Because light travels at a known, constant velocity, light from very distant stars has not had time to reach the Earth. The first person to suggest this resolution to Olbers' Paradox was the writer Edgar Allan Poe. (In his prose poem "Eureka" [1848], Poe discusses the paradox as well as other scientific ideas.) Another factor to consider is that the Universe is expanding. This expansion acts to darken the night sky because the distant stars brighten the night sky less than they would in a simple Euclidean space. Starlight expands into an ever vaster space. Also, the Doppler effect causes a redshift in the wavelengths of light emitted from the rapidly receding stars. Imagine what would happen if our Universe had an infinite age or was static. The night sky would be as bright as a star's surface, and life would not evolve. The planets would be fried. Religious people may find this interesting. They might argue that we would need God to create a Universe (i.e., the Universe could not have persisted for all eternity) for life to evolve using the known laws of physics. We "need" a Universe that is finite in space and in time. There has to

On the right side of the interface, there is a vertical toolbar with several icons. A red box highlights three icons: a bookmark, a speech bubble, and a pencil. Red arrows point from these icons to a text box on the right. Another red arrow points from the top toolbar icon (a book with a checkmark) to the same text box.

These three tools are used to:

- Mark pages
- Add notes
- Highlight content

Bookmarks can be found by clicking on the first button. To see highlights and notes, click on the corresponding icon again.



If there are icons with a different color in the document, **it means that they have content**, for example: Questions for eLi or Bookmarks.

6. READING MODES



Tools

NEW TOOL



Study Cards
To improve your study.

eLibro PRUEBADEMO > DETALLE > THE STARS OF HEAVEN User Name

< 1 1 / 254 > Write anywhere to search x Study cards

The Stars of Heaven

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THE STARS OF HEAVEN
CLIFFORD A. PICKOVER

Study cards

Study cards improve information retention and facilitate learning. Create cards with questions and answers, and review them regularly to reinforce your memory. Start using this tool and improve your study today!

TOPIC NAME

TOPIC DESCRIPTION

Cancel Save

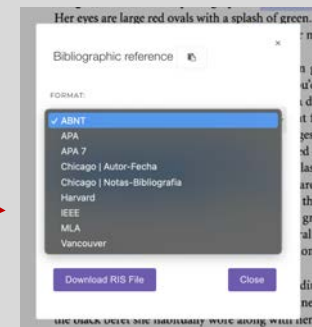
6. READING MODES



Tools

The screenshot shows the eLibro interface. On the left is a sidebar with a table of contents for 'The Stars of Heaven'. The main area displays a book page with the title 'Luminosity and the Distance Modulus' and page number 59. A dialog box titled 'Bibliographic reference' is open, showing the selected text: 'Hreithmar, PICKOVER, C. A. The Stars of Heaven, ed. New York: Oxford University Press UK, 2004. 254 p. Available in: https://elibro.net/en/ereader/pruebademo/1660467?page=79. Consulted in: 23 Nov 2024'. The dialog also shows the format 'ABNT' selected and buttons for 'Download RIS File' and 'Close'.

The **Bibliographic Reference** facilitates the citation of the text in different formats.



There are 9 formats.

6. READING MODES



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Bob gasps. "That's crazy." Surely the ants must be mistaken. Humans were supposed to be made in God's image. Of course, the word 'image' may have referred to human mental apparatuses rather than physical appearance. And now that so many different extraterrestrials have been discovered, perhaps it was true that God could take many different forms.

Bob shakes his head. "I'm almost done with our star lessons. Brunhilde, redisplay diagram showing the fate of sun-like stars." Brunhilde redispays figure 7.8.

"This schematic diagram tells much of the story, but it is simplified. Let's have a final, complete review. Sun-like stars start their life as a protostar, which gravitationally contracts, until the star is located somewhere on the Main Sequence. Next, the 'stable' Main Sequence star shines by fusing hydrogen to helium. The star evolves to a red giant when it exhausts the hydrogen in its core, and the hydrogen ignites in a shell around the exhausted core. Later, helium fusion occurs when ash from the shell builds up in the core causing it to contract and heat up. Finally we have a variable star with a carbon core, followed by a planetary nebula with its hydrogen envelope and heavy elements tossed into space. At the bottom of this figure we have the final white dwarf. The white dwarf eventually dies when it turns into a black dwarf, which would be located further down and to the right on this diagram."

The chariot stops. The door opens. Ishmael touches Bob with his forelimb. "The Nephilim are here," Ishmael says.

Slowly, a white spherical opening appears. It floats in the air about three feet

Todos

General

Importante

Critico

Summary mode allows you to view shaded text according to the color with which it was highlighted.

6. READING MODES



Tools

eLibro PRUEBADEMO > DETALLE > THE STARS OF HEAVEN User Name

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Write anywhere to search

Copied text
Text copied successfully.

"Miss Muxdrööl, stay behind me!" Bob quickly shifts into a graceful motion called "Grasping the Sparrow's Tail," his ever-moving hands producing a wall of muscle through which past aggressors have never dared transgress. Miss Muxdrööl takes a hasty step backward. Bob looks to the corner of the room and relaxes his defensive posture. "It was right there."

"What are you talking about?" They all step into the bedroom. "Look, I already told you—if this is some scheme to get me in your bedroom—"

Miss Muxdrööl stops and sees a movement by the head of the bed. "Oh no," she says, tosses back her head, and screams. Bob puts his fist in one of his mouths and steps back.

The veined membrane is undulating near the bed. The two pieces he cleaved evidently reformed into one being, and there is no sign of the small naked brain. The creature's sheer physical smoothness is alien, intimidating.

"It can't be from this museum ship," Mr. Plex mumbles as if he is drunk. Miss Muxdrööl opens her mouth but nothing comes out.

"Sir, let's get out of here," Mr. Plex says grabbing Miss Muxdrööl's vestigial thumb. Bob nods, and they begin to close the bedroom door when some of the veins start changing colors. They oscillate red, white, green, and blue, more beautiful than any Christmas-light display Bob has ever seen.

"Look," Bob says, pointing.

"What do you mean, 'look'?" Miss Muxdrööl says, squeezing Mr. Plex's claws even tighter. "Let's not look. Let's get out of here."

But she too is drawn to the gorgeous rainbow before them. The flashing colors are hypnotic and turn the alien creature into a thing of captivating beauty.

Bob and his friends are still, hypnotized by the membrane that expands to their size in a few seconds and then suddenly sucks them inside a portal. For a minute all the bones in Bob's body seem to vibrate, and he feels as if he is surfing on a large ocean wave. The wave begins to lift them higher and higher, and when they reach the crest, they begin to glide out into space.

Copy

Copy: allows you to select and copy text to paste it elsewhere.

In addition, the platform automatically adds the bibliographic reference of the source document, making the process easier for the user and respecting copyright.

6. READING MODES



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Write anywhere to search

"Miss Muxdröözol, stay behind me!" Bob quickly shifts into a graceful Tai Chi motion called "Grasping the Sparrow's Tail," his ever-moving hands producing a wall of muscle through which past aggressors have never dared transgress. Miss Muxdröözol takes a hasty step backward. Bob looks to the corner of the room and relaxes his defensive posture. "It was right there."

"What are you talking about?" They all step into the bedroom. "Look, I al- our bedroom—"

the head of the bed. "Oh uts his fist in one of his

he two pieces he cleaved

sign of the small naked

n, intimidating.

bles as if he is drunk.

s out.

s Muxdröözol's vestigial

door when some of the

green, and blue, more

er seen.

ys, squeezing Mr. Plex's

ore them. The flashing

colors are hypnotic and turn the alien creature into a thing of captivating beauty. Bob and his friends are still, hypnotized by the membrane that expands to their size in a few seconds and then suddenly sucks them inside a portal. For a minute all the bones in Bob's body seem to vibrate, and he feels as if he is surfing on a large ocean wave. The wave begins to lift them higher and higher, and when they reach the crest, they begin to glide out into space.

Print Pages to PDF

Maximum number of pages to print: 101.

☐ This page

☒ Pages: 88 (88) Until 107 (107)

*Note: Only printing is allowed 20 pages at a time.

FORMAT:

APA 7

Print

Print: allows you to download pages to a PDF document.

Each book has a maximum number of pages to print.

There are 9 **formats**.

6. READING MODES



Tools

The screenshot displays the eLibro application interface. On the left, a dark sidebar contains a table of contents for the book 'The Stars of Heaven'. The main area shows the text of the book, with a dictionary pop-up window overlaid on the text. The dictionary pop-up shows the definition for 'Chordates'.

Table of Contents (from sidebar):

Section	Page
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CHAPTER 3 Spectral Clas...	39
CHAPTER 4 Luminosity an...	58
CHAPTER 5 Hertzprung-R...	71
CHAPTER 6 Last Tango on...	90
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Dictionary Pop-up (for 'Chordates'):

- Type of word: noun (plural)
- Definition: Animals belonging to the phylum Chordata, which is characterized by having, at some stage of development, a notochord, a dorsal nerve cord, pharyngeal slits, an endostyle, and a post-anal tail.

Dictionary: allows you to look up definitions of selected terms in the Oxford dictionary.

This tool uses Artificial Intelligence.

6. READING MODES



Tools

The screenshot shows the eLibro application interface. The top bar includes the eLibro logo, navigation links (PRUEBADEMO, DETALLE, THE STARS OF HEAVEN), a user profile icon, and a search bar. The left sidebar contains a table of contents for 'The Stars of Heaven', with chapters ranging from 'Legal' to 'Appendix 1. Stars in th...'. The main reading area displays page 150 of the book. The text on the page discusses the Burgess Shale, a fossil-bearing deposit in Canada. A red arrow points from the Wikipedia icon in the sidebar to a callout box titled 'Burgess Shale' which provides additional information about the fossil site.

The Stars of Heaven

BIBLIOGRAPHIC DATA < [icon]

Table of Contents [icon] **Cover**

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Write anywhere to search

150 *The Stars of Heaven*

Bob replies, "I've heard of them. *Pikaia* is a representative member of the chordate group from which humans probably evolved. But these things died out before humans walked the Earth."

The Nephilim nod. Their wing feathers move forward in what Bob now recognizes as a Nephilim sign of affirmation. "We took specimens very long ago."

The ants nod. Ishmael's abdomen throbs as he starts to speak. "Humans discovered fossil *Pikaia* creatures in the **Burgess Shale** of Canada. They lived around 530 million years before humans. These kinds of creatures were ancestors of the chordates and precursors to vertebrates like yourself."

Brunhilde speaks. "Chordates have a stiff, dorsal supporting rod called the notochord. It organizes the nervous system. In later vertebrate development, the notochord becomes part of the vertebral column."

They walk through the Nephilim's zoo, and Bob gazes into the next tank. There is a single swimming creature with powerful muscles rippling on each side of its long body. Because cannot see the end of its body, only its tentacled head. Having studied biology in college, Bob recognizes that instant. It is an amphioxus, also known as a lancelet.

A fishy odor begins to fill the Nephilim's nursery, smell of absinthe. In the distance, Bob notices an octopus several jointed arms into the tanks of different creatures assists with cleaning or feeding.

What is the amphioxus perceiving about Bob?

Billions of years ago, the genetic code of primitive cells was passed from generation to generation and finally to multicellular organisms, then to invertebrates, and then to vertebrates around 600 million years ago. Because amphioxus, *Pikaia*, and their kin are transitional forms between invertebrates and

Burgess Shale

The Burgess Shale is a fossil-bearing deposit exposed in the Canadian Rockies of British Columbia, Canada. It is famous for the exceptional preservation...

Keep reading

+ More results

W

Wikipedia:
Selecting terms allows you to search for more information about it on Wikipedia.

6. READING MODES



Tools

The screenshot shows the eLibro application interface. On the left is a sidebar with a table of contents for 'The Stars of Heaven'. The main area displays the book's text in a reading mode. A translator pop-up is open, showing a translation from English to Spanish. The word 'grandmother' is entered, and the result 'abuela' is shown. A red arrow points from the 'Translate' button in the pop-up to the 'Translate' button in the sidebar. Another red arrow points from a globe icon in the sidebar to the text 'Translate: Allows you to translate terms, phrases and even paragraphs into all languages.'

Translator

Inglés = Español **Translate**

grandmother

Result:
abuela

Close **Copy**

- Chichewa
- Chino (simplificado)
- Chino (tradicional)
- Chino Hakka
- Chuvasio
- Cingalés
- Coreano
- Conso
- Criollo Haitiano
- Criollo Seychellense
- Croata
- Danés
- Dinka
- Divehi
- Dogri
- Dzongkha
- Eslovaco
- Esloveno
- Español
- Esperanto
- Estonio
- Euskera
- Ewé
- Filipino
- Finlandés
- Fiyiano
- Francés
- Frisio
- Fulani
- Ga
- Gaélico Escocés
- Gálés
- Gallego
- Georgiano
- Griego
- Guaraní
- Ojjarati
- Hausa
- Hawaliano
- Hebreo
- Hiligaynon

Translate: Allows you to translate terms, phrases and even paragraphs into all languages.

6. READING MODES



Tools

The Stars of Heaven

BIBLIOGRAPHIC DATA

THE STARS OF HEAVEN
CLIFFORD A. PICKOVER

Title: The Stars of Heaven

E - ISBN: 9780195346800

Author: Clifford A. Pickover

Publisher: Oxford University Press UK

Language: English

Primary Bisac: Astronomy

Subject: Science / Space Science / Astronomy

Number of pages: 254

Bibliographic reference

See on bookshelf

CLIFFORD A. PICKOVER received his Ph.D. from Yale University's Department of Molecular Biophysics and Biochemistry. He graduated first in his class from Franklin and Marshall College, after completing the four-year undergraduate program in three years. His many books have been translated into Italian, Greek, German, Japanese, Chinese, Korean, Portuguese, French, Italian, and Polish. He is author of the popular books: *The Paradox of God and the Science of Omniscience* (Palgrave/St. Martin's Press, 2002), *The Zen of Magic Squares, Circles, and Stars* (Princeton University Press, 2001), *Dreaming the Future* (Prometheus, 2001), *Wonders of Numbers* (Oxford University Press, 2000), *Surfing Through Hyperspace* (Oxford University Press, 1999), *The Science of Aliens* (Basic Books, 1998), *Time: A Traveler's Guide* (Oxford University Press, 1998), *Strange Brains and Genius: The Secret Lives of Eccentric Scientists and Madmen* (Plenum, 1998), *The Alien Test* (Basic Books, 1997), *The Logic of God* (Plenum, 1997), *Black Holes - A Traveler's Guide* (Plenum, 1997), *Fractal World* (1994) and *the Imagination* (St. Martin's Press, 1994). He is also a mathematician. His novel once listed as *Black Holes - A Traveler's Guide* (Plenum, 1997) is currently a *Fractal World* (1994) and *the Imagination* (St. Martin's Press, 1994).

Editor of the book *Pattern Book: Fractals, Complexity, and Computing* (World Scientific, 1995), *Fractal* (World Scientific, 1995), and *Frontiers in Science* (World Scientific, 1995), he has written new ways to continue seemingly-disparate ideas. The *Los Angeles Times* which he stretches the Institute of Physics' have been featured in *The Discovery Channel Monitor*—and also is scribed him as "Van" times featured his magazine wrote, "Bu

Biografías y Vidas
LA ENCICLOPEDIA BIGRÁFICA EN LÍNEA

Clifford A. Pickover

INICIO MONOGRAFÍAS REPORTAJES

BUSCADOR NOVEDADES ÍNDICES

Buscador de Biografías

Buscar...

Todas las palabras

BUSCAR EN:

☐ Texto ☒ Nombres y apellidos

Biography:

Activates a biography search window for a person who is in or out of the document.

Available in Spanish language

6. READING MODES



Tools

eLibro PRUEBADEMO > DETALLE > THE STARS OF HEAVEN User Name

< 247 247 / 254 > Write anywhere to search

The Stars of Heaven

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CLIFFORD A. PICKOVER received his Ph.D. from Yale University's Department of Molecular Biophysics and Biochemistry. He graduated first in his class from Franklin and Marshall College. He is also author of *Visual Adventures in Science* (1992), *Computers and Graphics* (1990), all published by Oxford University Press. He is also author of *Visual Adventures in Science* (1992), *Computers and Graphics* (1990), all published by Oxford University Press. He is also author of *Visual Adventures in Science* (1992), *Computers and Graphics* (1990), all published by Oxford University Press.

Google Maps

Yale University, New Haven, CT, USA

Map Satellite

New Haven, CT, USA

Yale University, New Haven, CT, USA

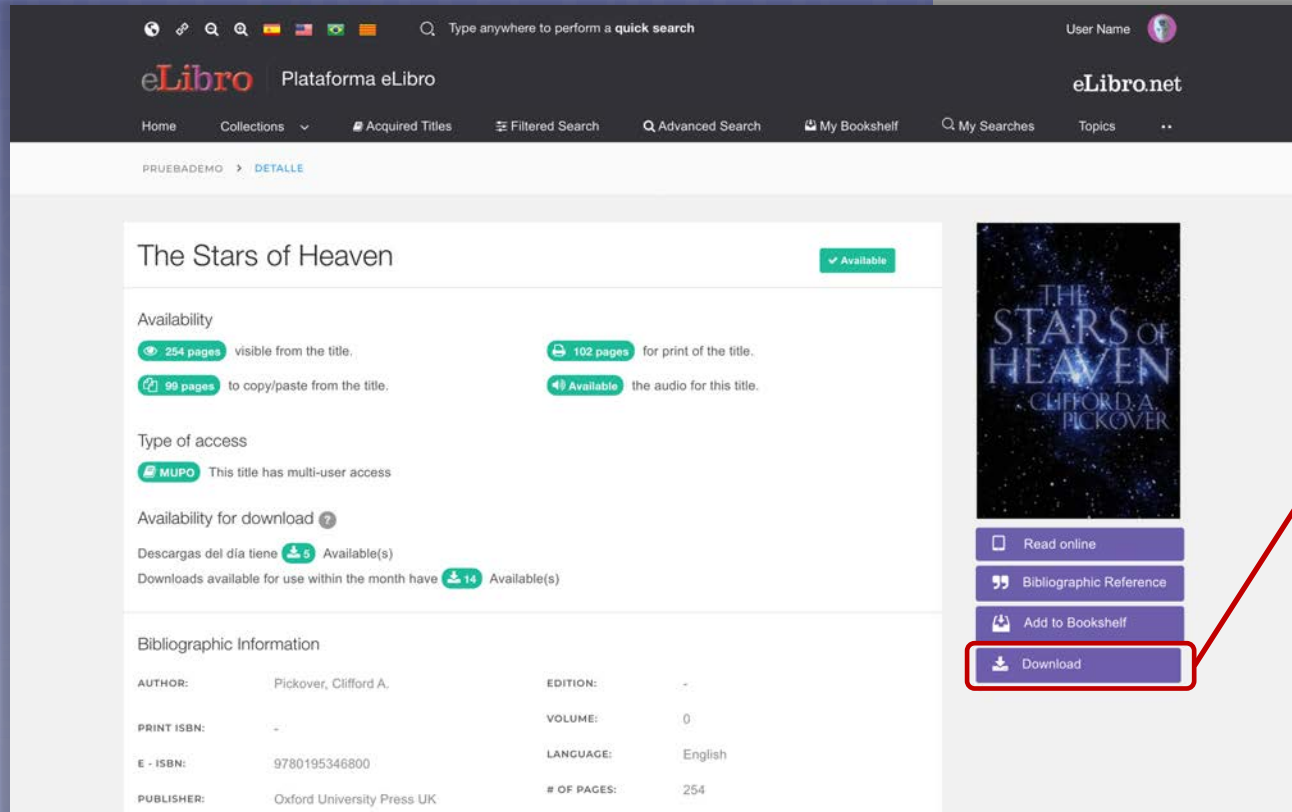
Map data ©2024 Google Terms Report a map error

Maps: Allows you to search and locate places on a map.

6. READING MODES



Download



The screenshot shows the eLibro.net website interface. The top navigation bar includes a search bar, language flags, and user account options. The main content area displays the book 'The Stars of Heaven' by Clifford A. Pickover. The book is marked as 'Available' in a green box. Below the title, there are sections for 'Availability' (254 pages visible, 102 pages for print, 99 pages to copy/paste, and audio available), 'Type of access' (MUPO - multi-user access), and 'Availability for download' (5 downloads available today, 14 available within the month). A 'Bibliographic Information' table is also present. On the right side, a book cover is shown with a list of actions: 'Read online', 'Bibliographic Reference', 'Add to Bookshelf', and 'Download'. The 'Download' button is highlighted with a red rectangle and a red arrow pointing towards the explanatory text on the right.

The Stars of Heaven Available

Availability

- 254 pages visible from the title.
- 102 pages for print of the title.
- 99 pages to copy/paste from the title.
- Available the audio for this title.

Type of access

- MUPO** This title has multi-user access

Availability for download

Descargas del día tiene 5 Available(s)

Downloads available for use within the month have 14 Available(s)

Bibliographic Information

AUTHOR:	Pickover, Clifford A.	EDITION:	-
PRINT ISBN:	-	VOLUME:	0
E - ISBN:	9780195346800	LANGUAGE:	English
PUBLISHER:	Oxford University Press UK	# OF PAGES:	254

Actions:

- Read online
- Bibliographic Reference
- Add to Bookshelf
- Download**

Download: Titles can also be read offline by downloading them to mobile devices, laptops or PCs using the new app.

To do this, click on "Download" and the text will automatically be placed in the "My Bookshelf" section.

This is done from the book preview.

6. READING MODES

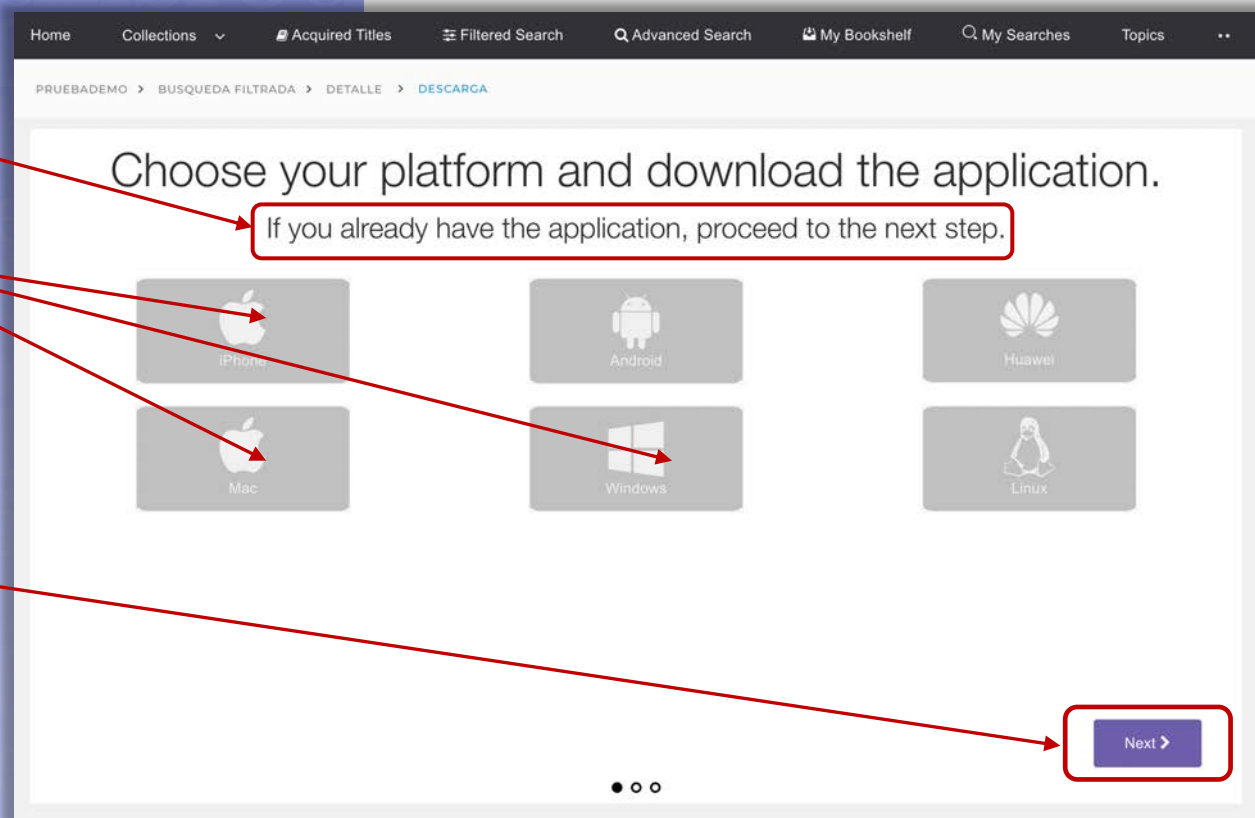


Download

IMPORTANT!

You must choose the device and its operating system to download and install the eBook application.

Then click on 'Next'



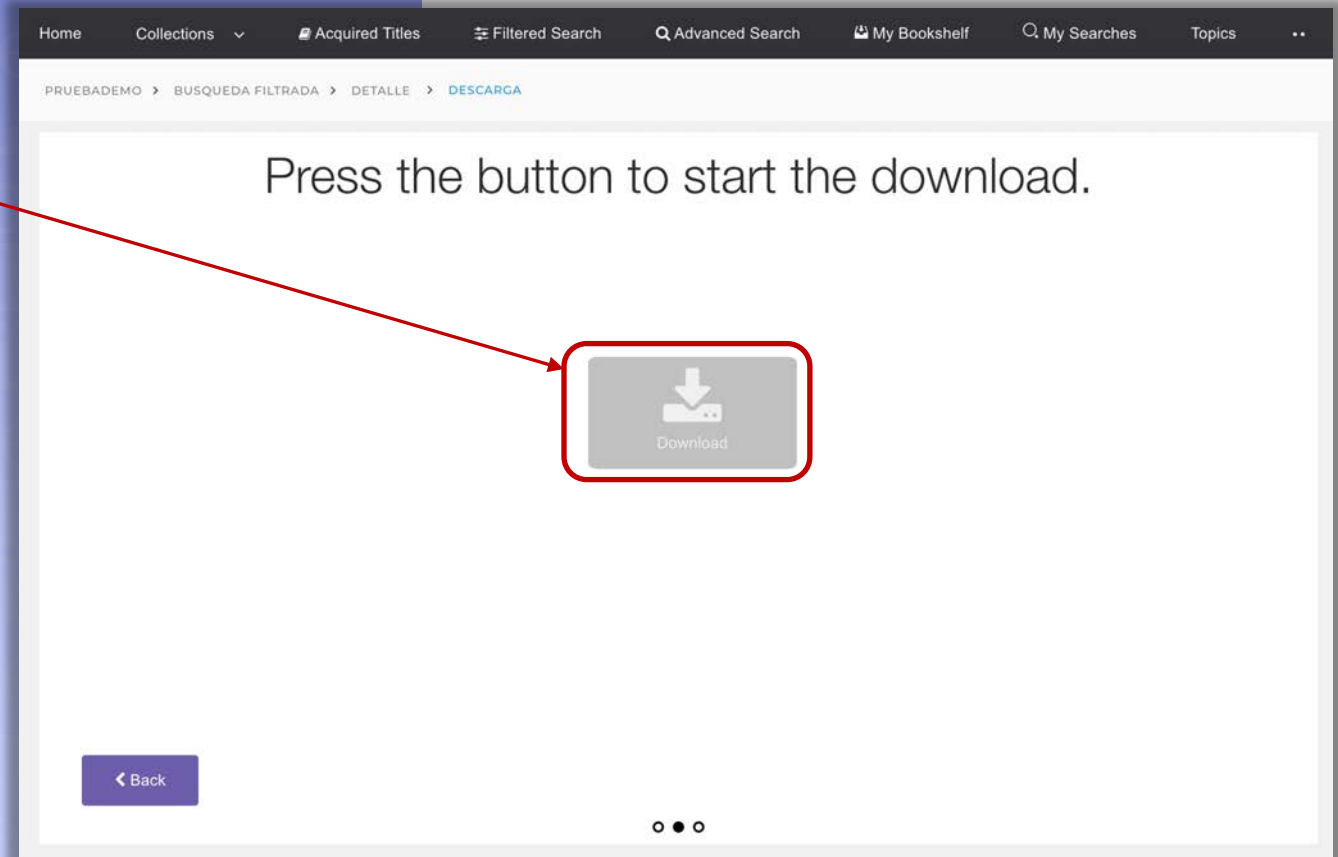
6. READING MODES



Download

Then proceed to download the title.

If you have not authenticated your system, the following screen will appear.



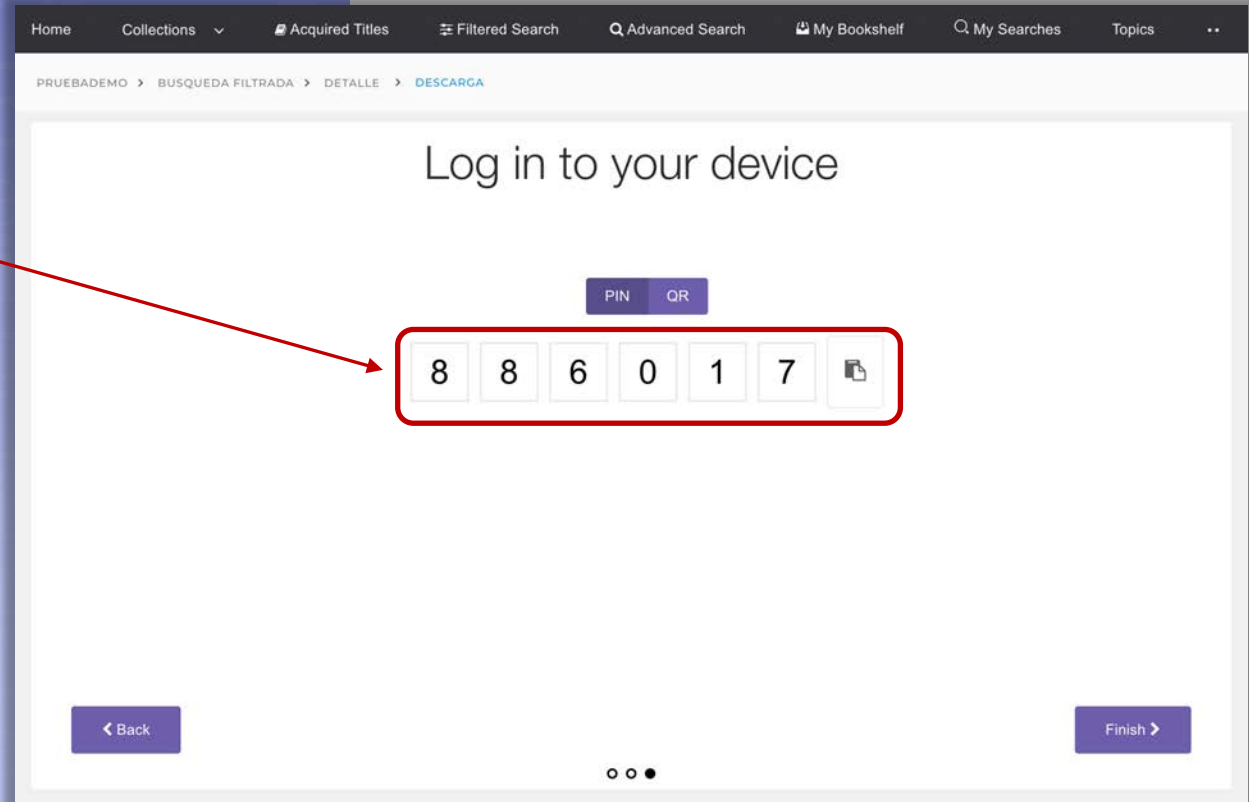
6. READING MODES



Download

Then log in to your device by authenticating with the PIN that the system displays.

(The PIN that is displayed is an example)

A screenshot of a web application's login screen. The header is dark with navigation links: Home, Collections, Acquired Titles, Filtered Search, Advanced Search, My Bookshelf, My Searches, and Topics. Below the header is a breadcrumb trail: PRUEBADEMO > BUSQUEDA FILTRADA > DETALLE > DESCARGA. The main content area has the heading "Log in to your device". Below this are two buttons: "PIN" and "QR". The "PIN" button is selected. Below the buttons is a PIN input field with six boxes containing the digits 8, 8, 6, 0, 1, and 7, followed by a copy icon. A red arrow points from the text "with the PIN that the system displays" to this PIN input field. At the bottom are "Back" and "Finish" buttons, and a progress indicator with three dots.

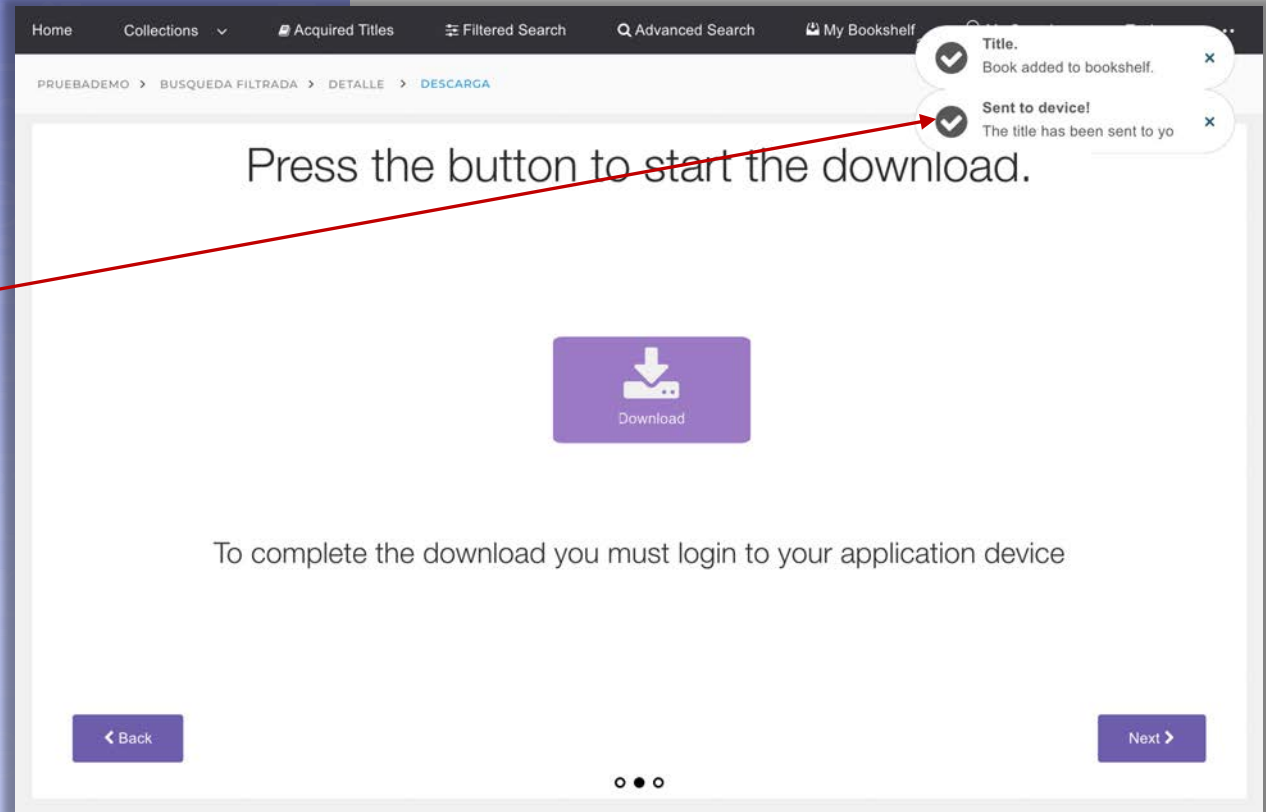
6. READING MODES



Download

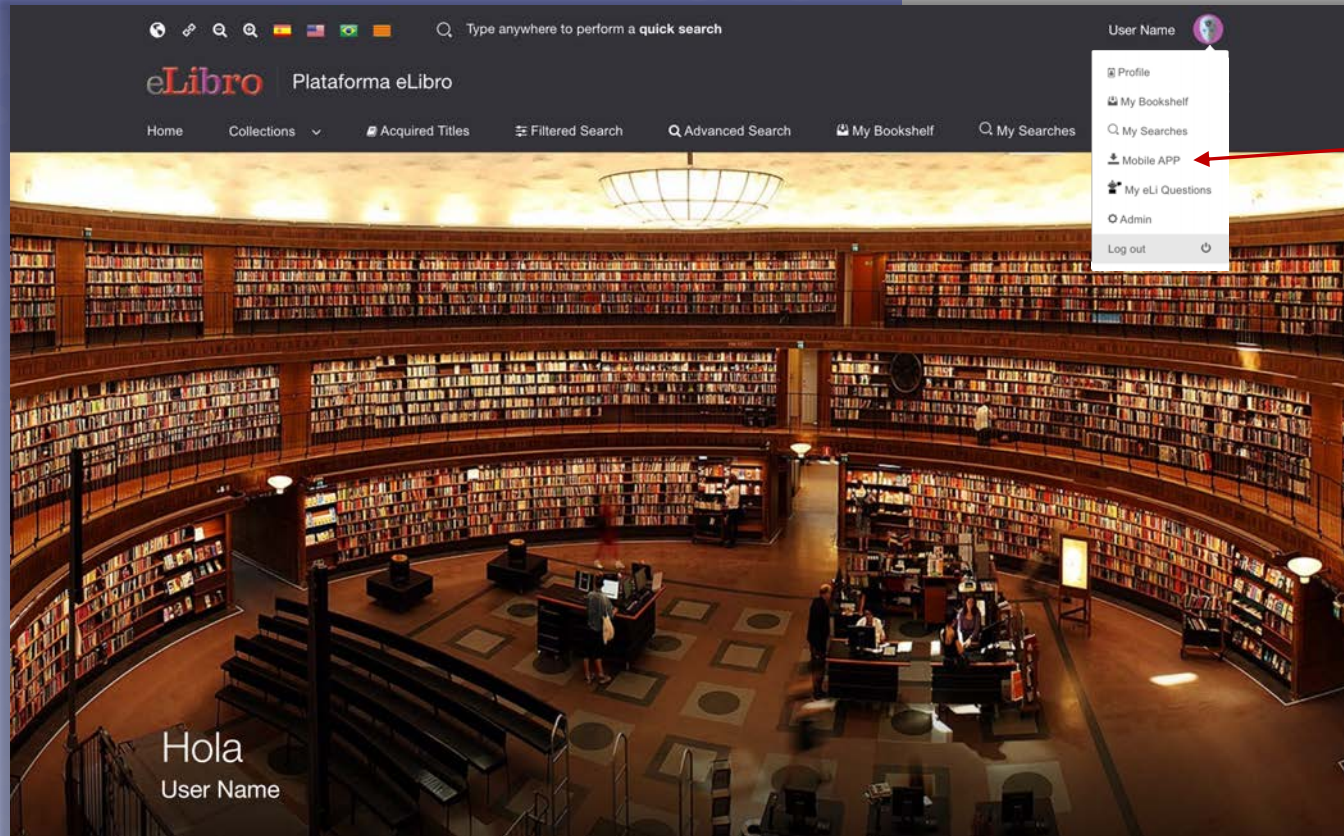
If your device is already authenticated, a message will appear on the top right of your screen indicating the status of your document.

The system actually 'leaves' it in the application, which allows you to read it offline.



7. USER PROFILE MENU

Your settings

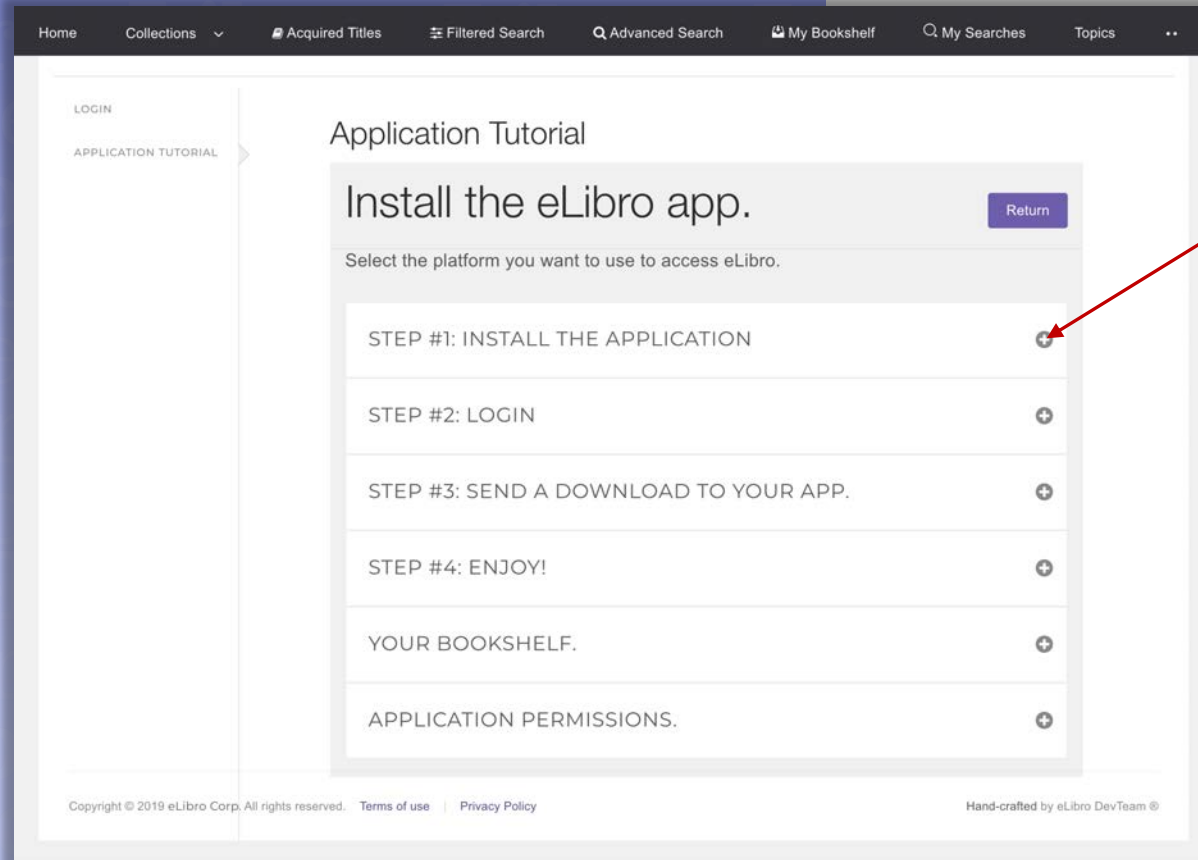


Remember that if you need to download the application or obtain the PIN or QR code for access, you will find this information in your personal profile.

By clicking on 'Mobile App' you will access a tutorial on how to download and install the **eLibro Reader Application**

7. USER PROFILE MENU

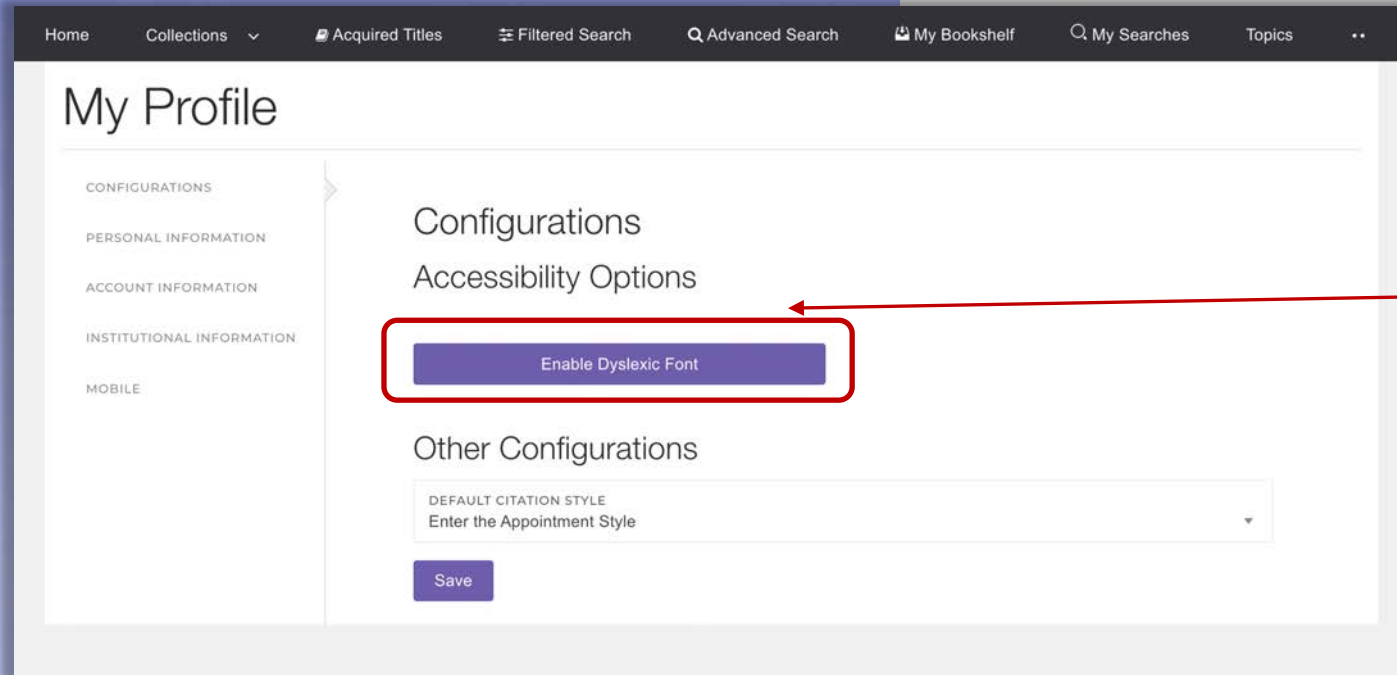
Application Tutorial



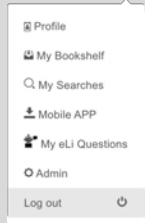
Just follow the steps by pressing the + sign.

7. USER PROFILE MENU

Dyslexic font



From Profile.



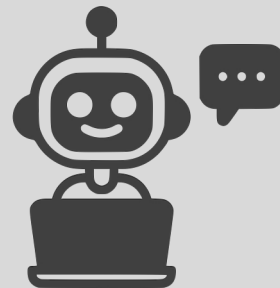
The library allows you to activate font mode for people with dyslexia.

*Note:
Then it is also defined by
DEFAULT, what the citation
style will be each time the
copy / paste option is used.*

8. eLi – AI TOOL

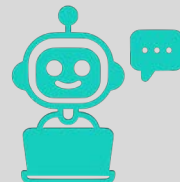
Artificial intelligence

The screenshot shows the eLibro interface for the book "The Stars of Heaven" by Clifford A. Pickover. The sidebar on the left contains a table of contents with chapters 1 through 9 and an appendix. The main area displays the book cover, which features a starry night sky and the title "THE STARS OF HEAVEN" in large, stylized letters. The author's name "CLIFFORD A. PICKOVER" is visible at the bottom of the cover. The top of the interface includes a search bar and a toolbar with various icons. A red arrow points to a specific icon in the toolbar, which is a small robot head.



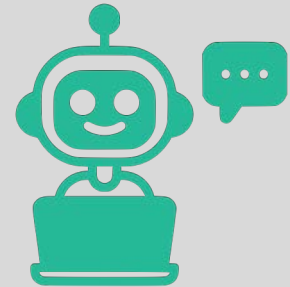
It's at the top of the toolbar.

It's grey, but if it's green, it means that that title has questions from other users or yours that are answered by eLi and you can take advantage of that.



8. eLi – AI TOOL

Artificial intelligence



The screenshot shows the eLibro interface for the book "The Stars of Heaven". The left sidebar contains a table of contents with chapters 1 through 9 and an index. The main content area displays text from the book, including a paragraph about the Milky Way and a section titled "Black hole?". A chat window titled "eLi" is overlaid on the right side of the page. The chat window has a header with "View questions" and "Ask a question". Below the header, there is a question input field with a placeholder "Write your question here..." and a "Send" button. A red arrow points from the text "Clicking on the icon opens the tool allowing you to ask questions or access previous queries." to the chat icon in the top right corner of the page. The chat window also displays a question from "User Name" and a response from the AI tool. The response includes a definition of the Milky Way and a list of facts about it.

The Stars of Heaven

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are separated from us b
incredible amount of i
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up at the night sky, I s
Bob smiles, happy f
candor, breadth of kn
too close to any big ci
Earth's solar system is
stars. The **Milky Way**
black hole."
"Black hole?"
"Scientists believe t
galactic black holes are
the mass of our Sun c
gravitational field aro
can escape from their
Bob approaches a f
Way Galaxy (figure 2.1
on one of the spiral arr

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eLi

View questions

Ask a question

User Name, Is there anything on this page you would like to ask about?

Write your question here...

0 / 500 caracteres disponibles

Send

"Milky Way"

The "Milky Way" is the galaxy that contains our Solar System. Its name describes the galaxy's appearance from Earth: a hazy band of light seen in the night sky formed from stars that cannot be individually distinguished by the naked eye. Some fascinating facts about the Milky Way include:

- The Milky Way is a barred spiral galaxy.
- It is estimated to contain 100–400 billion stars.
- Our Solar System is located in one of its outer arms, called the Orion Arm.
- It has a supermassive black hole at its center, known as Sagittarius A*.
- The Milky Way spans about 100,000 light-years in diameter.
- It is part of the Local Group, which also includes the Andromeda Galaxy and about 54 other galaxies.

Observing the Milky Way can be a breath-taking experience, best seen in areas with little light pollution.

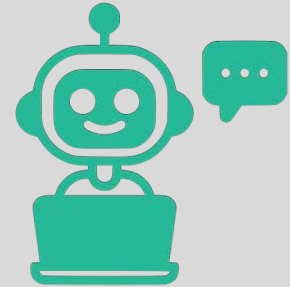
We just wanted to remind you that all questions are being monitored to maintain a safe environment for everyone. If you have any questions, feel free to ask!

Clicking on the icon opens the tool allowing you to ask questions or access previous queries.

Questions and answers are stored and other users can also access them.

8. eLi – AI TOOL

Artificial intelligence



The Stars of Heaven

PRUEBA DEMO > DETALLE > THE STARS OF HEAVEN

User Name

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Write anywhere to search

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The Stars of Heaven

in humans a burning sensation, followed by a series of ecstatic religious visions often involving angels, Moses, and unleavened bread, and eventually caused death.

Bob pushes the thor... grass. "For centuries, scientists hypothe... from a rotating disk of cosmic gas and dust. The flat disk constrained the nascent planets to have orbits lying roughly in the same plane. This *nebular theory* was proposed as far back as 1755 by the philosopher Immanuel Kant.

Bob puts another blade of grass in his mouth. They're hard to resist.

"Kant was essentially correct," Bob says. "In the last years of the twentieth century, the Hubble Space Telescope (HST) revealed several dozen disks at visible wavelengths in the Orion Nebula, a giant stellar nursery about 1,600 light years away. We call them 'proplyds,' a contraction of the term protoplanetary disks. The Orion proplyds are larger than the Sun's solar system and contain enough gas and dust to provide the raw material for future planetary systems" (figure 6.1).

Now Miss Muxdrööl is chewing on the grass. "So Kant got it mostly right in the 1770s?"

"Brunhilde, display solar nebula theory." Brunhilde displays figure 6.2. "Yes, stars and their disks form by the gravitational collapse of large volumes of sparse

eLi icon

Ask eLi: When you select a word or phrase from the work you are reading, a pop-up menu appears where, in addition to highlighting or translating by voice, you can click on the **eLi icon** and ask your question from the highlighted word or phrase.



Done!

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Technical Support: soporte@elibro.com
ayuda@elibro.com

Trainings: capacitacion@elibro.com

Contact us:



ventas@elibro.com

We are social, **follow us!**



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