



AI at Yale:

Updates on Institutional and Library GAI Initiatives

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Yale UNIVERSITY LIBRARY

Approach guided by Yale's Mission

Yale is committed to improving the world today and for future generations through outstanding research and scholarship, education, preservation, and practice. Yale educates aspiring leaders worldwide who serve all sectors of society.

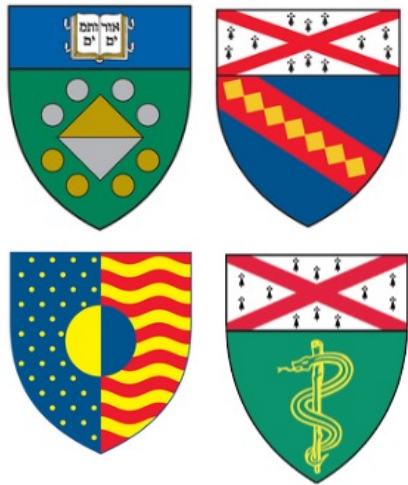
We carry out this mission through the free exchange of ideas in an ethical, interdependent, and diverse community of faculty, staff, students, and alumni.

Organize initiatives by mission area:

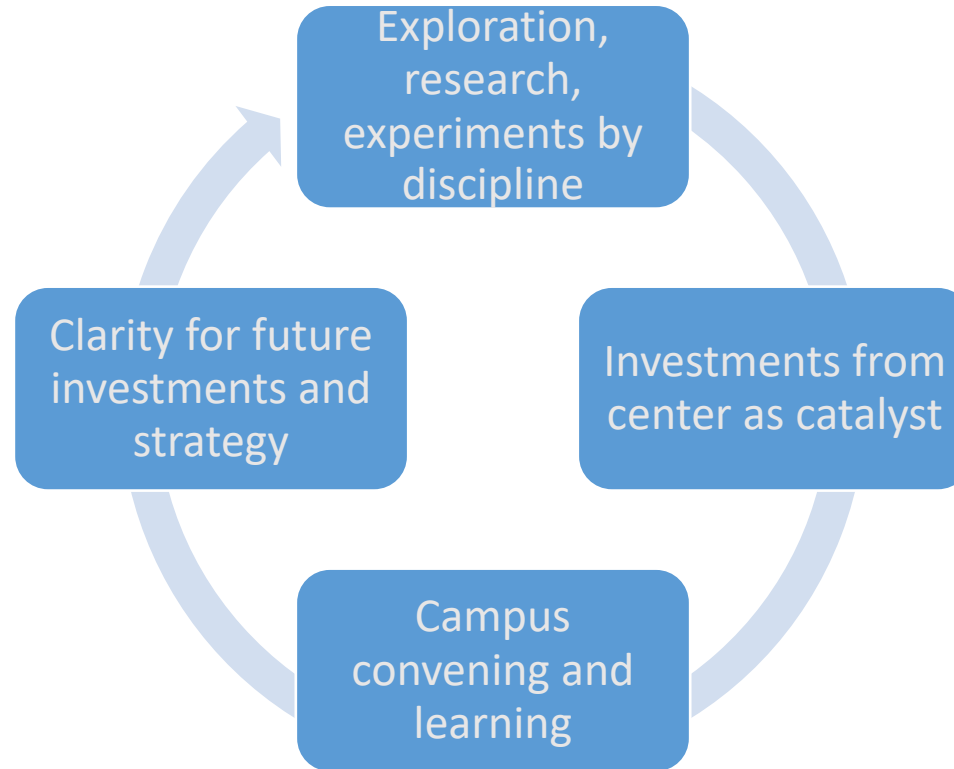
- Research
- Education
- Preservation, and
- Practice

Parallel efforts that engage diverse perspectives across Yale

Academic-led vision



School-led



Center-enabled

Yale intentionally empowered deans of schools to develop a vision for AI with a central Taskforce to identify university-wide opportunities



Yale Taskforce on AI Report:

Themes

- Yale's continuing leadership
- Focus on ethical & societal implications
- We must prepare our students
- Engage entire Yale community
- Leverage institutional data

Recommendations

- Investments in compute & access
- Faculty dedicated to AI
- Curricular innovation
- Training & policy guidance
- Catalysts for collaboration
- AI for humanity

Yale announces \$150 million to support leadership in AI

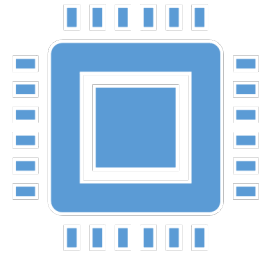
Over the next five years, Yale will help faculty, students, and staff engage with artificial intelligence — and equip them for leadership in the evolving field.

AUGUST 28, 2024



Investment in Compute for Research

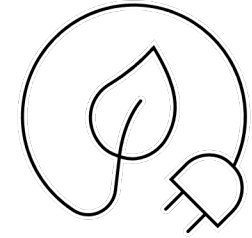
AI at Yale



~450 GPU
cluster



GPU cloud time,
utilities, staff



MA Green High
Performance
Computing Center

The screenshot shows the homepage of the Yale Center for Research Computing. At the top right is a search bar with the text "Search this site". Below it is the logo "Yale Center for Research Computing". A navigation menu includes "ABOUT", "NEWS & EVENTS", "RESEARCH", "SERVICES", "SUPPORT", and "TRAINING". The main banner features the text "Accelerate your computational research with GPUs" with a left arrow and "READ MORE" below it. To the right is an image of a GPU card with a right arrow. At the bottom, there is a green progress indicator and the text "All Clusters Available" and "SYSTEM STATUS".

Support for AI Training

AI at Yale

- **AI literacy**
- **Videos & short courses**
- **Prompt-a-thons**
- **AI office hours**
- **AI coffee talks for humans**
- Information Technology Services
- Poorvu Center for Teaching & Learning
- Yale Center for Research Computing
- Yale Library
- Office of Public Affairs & Communication



Goals for Solliance Clarity

AI at Yale

- 1. Address the need for equitable access to generative AI tools.**
- 2. Provide a platform that is flexible enough to bring in new models and tools as they evolve.**
- 3. Protect Yale's data and users**

<http://ai.yale.edu>

Yale University

[Clarity](#)

[News](#)

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Search this site



AI at Yale

[Yale Task Force on AI](#)

[Access AI Tools](#)

[Guidance](#)

[Opportunities](#)

Discover AI at Yale

Explore an evolving suite of tools, resources, and guidance to advance and enrich your teaching, learning, research, and work. Check this site often to see what's new.

“As we advance Yale’s leadership in AI, let us embrace one of the fundamental tenets of a university: curiosity. Our willingness to share—with each other and with the world—



Yale Library IT Priorities for AI

AI at Yale

- Ongoing AI Exploration
- Large Language Models (LLMs) Tool for Digital Collections

Yale Library's approach to engaging with AI

STRATEGIES

- Ethical and effective use of AI
- Enhance library services and increase engagement with collections
- Support and enhance AI literacy

OPPORTUNITIES

- Center library expertise in university-wide initiatives
- Build reputation and profile for innovation and problem solving
- Enable culture change

Patron-Facing Initiatives

At Yale Library

- Deepening partnership with CTL
 - Shared triage
 - AI Literacy program
 - Shared position: AI Integration Lead – Humanities
- Integrating Library AI tool into courses
 - Library-wide outreach
 - Pilot funding for AI RA program
 - Develop with instructors and students
- Community building
 - TinyML community
 - Connecting across disciplines and fields
 - Intermediate-level support

Staff-Facing Initiatives

At Yale Library

- AI experiments to improve data and workflows
 - Entity resolution
 - Title translation
 - Provenance research
 - Image classification
 - Discovery
- Community of Interest
 - Self-organizing
 - Ongoing talks, discussions, events
- Organizational Learning Program
 - shared knowledge and baseline competencies
 - Symposium, online course, talks and events

Digital Collections System

Digital Collections

SEARCH

[Advanced Search](#)

About

This site provides access to millions of digitized works and images. New materials are added regularly. There are Yale Library collections that are not available on this site. More information on additional collections can be found [here](#).

Need help?

For help using this site, please see the [Digital Collections help guide](#).

Conference at "Camp Spingarn," Amenla, N.Y.

Highlights



Garvin City Planning Image Collection, Arts Library



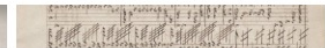
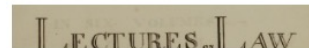
Langston Hughes Papers, Beinecke Library



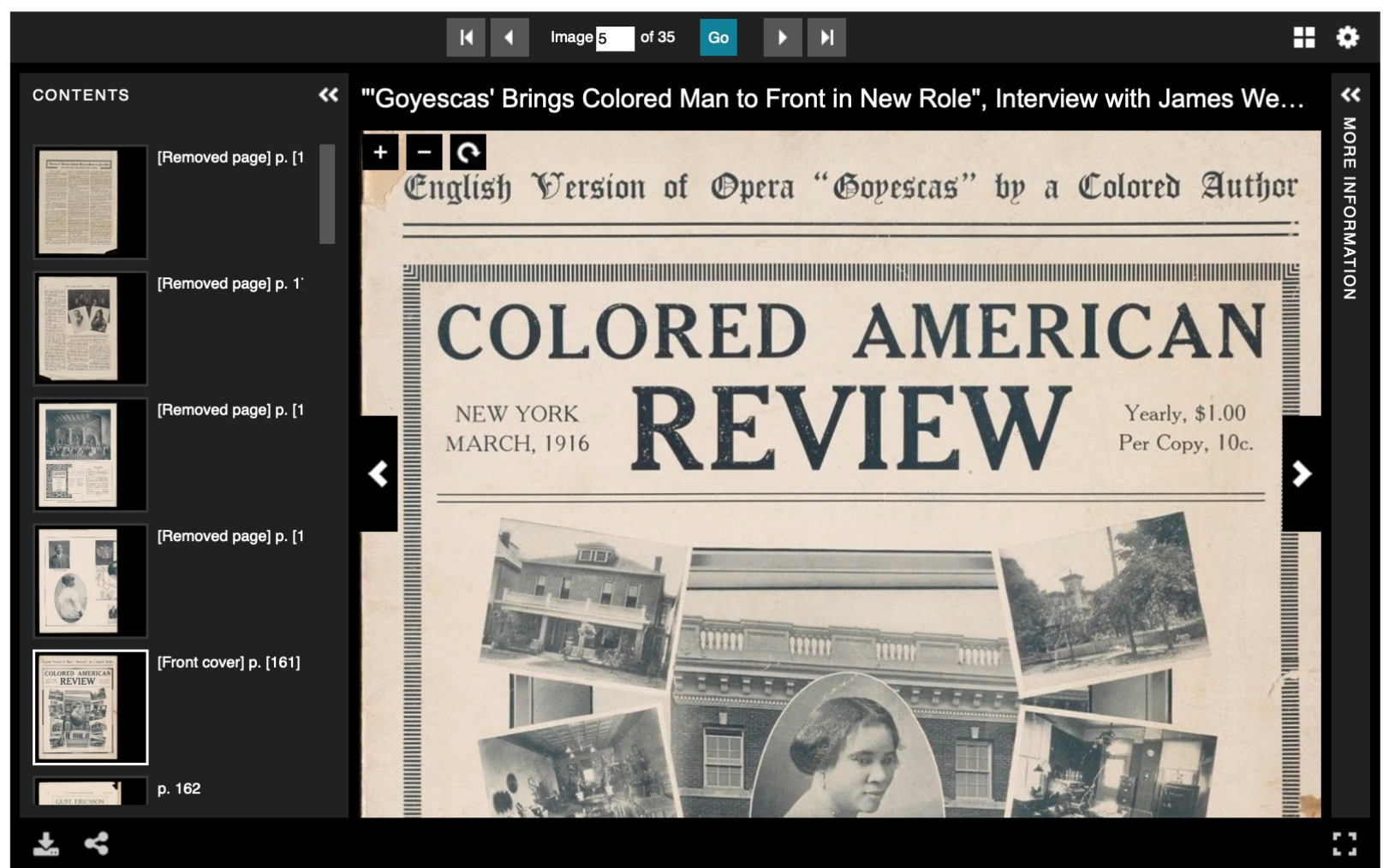
Lindbergh Picture Collection, Manuscripts and Archives



China Records Project Miscellaneous Personal Papers Collection, Divinity Library



Digital Collections System



ChatGPT and Claude can help you find out more about the text contained in this object. [Open the Collections AI tool in a new window.](#)

Description

Title	"Goyescas' Brings Colored Man to Front in New Role", Interview with James Weldon Johnson by R.G. Doggett, Colored American Review
Creator	From the Collection: Johnson, James Weldon, 1871-1938
Contributor	From the Collection: Johnson, Grace Nail, 1885-1976
Published / Created	1916 March 1

List personal names

ChatGPT 4o



- Adler, Felix
- Adderely, H. D.
- Armstrong, General
- Baker, Colgate
- Banks, T. H.
- Bavagnoli, Gaetano
- Belasco, David
- Booth, Edwin
- Bowen, Cornelia
- Braithwaite, William Stanley
- Branson, E. C.
- Burris, Jim
- Byrd, Anthony
- Cummings, Harry S.
- Cumberland, Elsa
- Curtis, James
- Cooper, Opal
- Dade, Rodney
- Dickinson, Clarence
- Dillard, James H.
- Doggett, R. G.
- Douglass, Frederick
- Drew, Howard P.
- Dunbar, Paul Laurence
- Dumas, Alexander
- Du Bois, W. E. B.
- Dunbar, Paul Laurence
- Edwards, J. H.
- Elmore, Eugene ("Frenchy")
- Europe, James Reese
- Farr, James M.
- Folk, Deegan
- Frazier, George
- Frissell, H. B.
- Frissell, Dr. H. B.
- Gates, John W.
- George, Louis W.
- Gillam, Allie
- Granados, Enrique
- Gray, Billy
- Grier, Scott
- Halligan, Lou
- Heinroth, Charles
- Henson, Mathews

Language Model

Claude 3.5 Sonnet ▾

Click on a prompt below to apply it to your selected pages.

search prompts

show favorites ★

Summary

Provide a summary of the text ★

Geographic locations

List geographic locations ★

Literary works

List literary works ☆

Literary works and context

Literary works and their context ★

Medical Terms

List medical terms ☆

Organizations

List organizations ★

Personal names

List personal names ★

Scientific terms

List scientific terms ☆

Stylistic Analysis

Analyze the style of the text ★

Entity Recognition

Entity Recognition

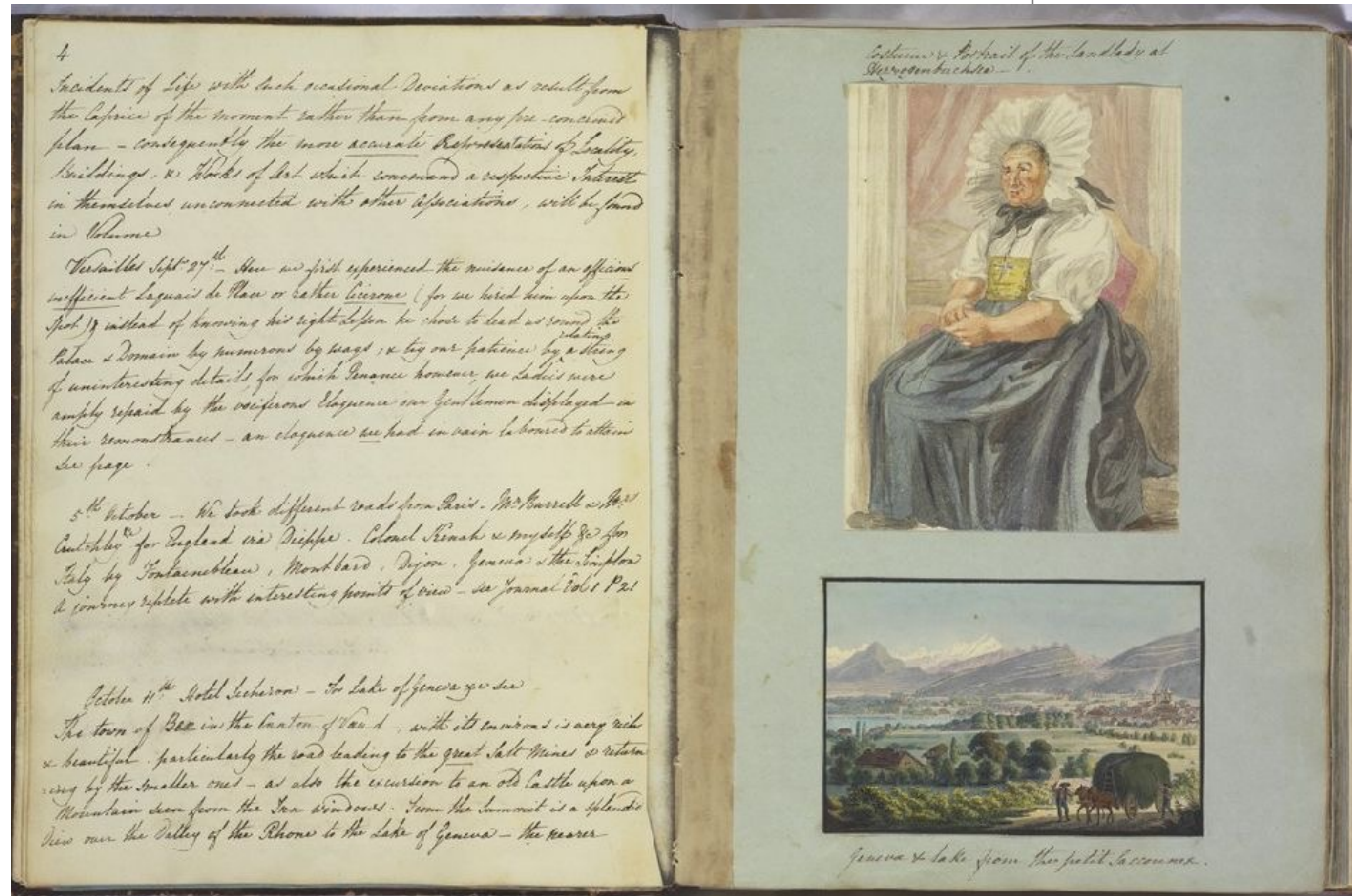
List geographic locations

Claude 3.5 Sonnet



Here is an alphabetical list of geographic locations found in the text:

- Adriatic
- Ancona
- Antwerp
- Bavaria
- Belgium
- Berne
- Bologna
- Brighton
- Brussels
- Cesena
- Dieppe
- Egypt
- England
- Florence
- France
- Geneva
- Genoa
- Germany
- Haarlem
- Hallein
- Heidelberg
- Holland
- Interlaken
- Italy
- Lake Como
- Lake Garda
- Lausanne
- London
- Lucca
- Lucerne
- Madrid
- Milan
- Naples
- Paris
- Pesaro
- Pisa
- Rhine
- Rimini
- Rome
- Rotterdam



List organizations

ChatGPT 4o



50 items

The text mentions several organizations and institutions. Here is a list based on the provided excerpt:

1. Yale University Library
2. Товарищество «Общественная польза» (The Society for Public Benefit)
3. Архивах Лицея (Liceum Archives)
4. Вестник Европы (Herald of Europe)
5. Общество Любителей Русской Словесности пр Императора Московского Университета (Society of Lovers of Russian Literature at the Imperial Moscow University)
6. Беседы любителей русского слова (Conversations of Lovers of the Russian Word)
7. Русский Музеумъ (Russian Museum)
8. Журнал Европейскихъ Новостей (Journal of European News)
9. Северный Наблюдатель (Northern Observer)
10. Невский Зритель (Neva Viewer)
11. Памятник Отечественныхъ Музь (Monument of Domestic Muses)
12. Северная Звезда (Northern Star)
13. Сын Отечества (Son of the Fatherland)
14. Ministerstvo narodnogo prosveshcheniya (Ministry of National Enlightenment)

This list includes various types of organizations and institutions from the time period pertinent to the text.



List organizations

Claude 3.5 Sonnet



50 items

Here are the organizations mentioned in the text:

1. Царскосельский лицей (Tsarskoye Selo Lyceum)
2. Измайловский полк (Izmailovsky Regiment)
3. Егерский гвардейский полк (Jaeger Guards Regiment)
4. Общество любителей российской словесности при Императорском Московском Университете (Society of Lovers of Russian Literature at the Imperial Moscow University)
5. Беседа любителей русского слова (Conversation of Lovers of the Russian Word - a literary society)
6. Российский Музеум или Журнал Европейских Новостей (Russian Museum or Journal of European News - a periodical)
7. Департамент Народного Просвещения (Department of Public Education)
8. Резервная армия (Reserve Army)

Entity Recognition

Language Model

ChatGPT 4o

Click on a prompt below to view the selected pages.

search prompts

show favorites

Summary

Provide a summary of the text.

Geographic location

List geographic locations.

Literary works

List literary works.

Literary works and characters

List literary works and characters.

Medical Terms

List medical terms.

Organizations

List organizations.

Personal names

List personal names.

Scientific terms

List scientific terms.

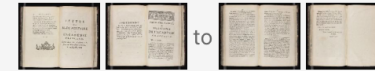
Stylistic Analysis

Analyze the style of the text.



Literary works and their context

ChatGPT 4o



17 items



1. **Le Cid** - Mentioned as a play that was submitted to the judgment of the Académie Française by Cardinal Richelieu, Pierre Corneille, and Georges de Scudéry, illustrating the historical precedent for seeking the Academy's impartial decision on literary works.
2. **Othello** by Shakespeare - Mentioned as an example of Shakespeare's works containing raw and cynical expressions, discussed critically in terms of the language used by characters like Iago and Roderigo.
3. **Macbeth** by Shakespeare - Cited to illustrate the mixing of tragic elements with low comedy or levity, such as the drunken porter scene following Macbeth's decision to commit regicide.
4. **Julius Caesar** by Shakespeare - Compared directly with Corneille's play "Cinna" to highlight differing treatments of similar historical conspiracies in Roman history.
5. **Cinna** by Pierre Corneille - Used to contrast the treatment of Roman history themes against Shakespeare's treatment of the same period with his "Julius Caesar."
6. **The Tempest**, indirectly referenced through the passage about the three units of time, place, and action, principles against which Shakespeare is critiqued.
7. **Bajazet** by Jean Racine - Used to exemplify an exposition that the writer deems a masterpiece of clarity and succinctness, contrasting it with Shakespearean practice.
8. **Romeo and Juliet** by Shakespeare - Critiqued for its initial comedic and vulgar interaction between servants, contrasting with the tragic outcome of the narrative.
9. **Pompée** by Pierre Corneille - Mentioned to critique Shakespeare's adherence to the classical unities of time, place, and action.
10. **King Lear** by Shakespeare - Criticized through its opening scene, highlighting what the author views as its lack of nobility compared to the exposition of a Corneillian tragedy.
11. **Phèdre** by Jean Racine - Referenced regarding the success of Racine's works when translated for English audiences, praised for its adherence to classical taste.
12. **Andromaque** by Jean Racine - As with "Phèdre," it is highlighted for its successful translation and reception in England, suggesting universal appeal unlike Shakespeare's works.
13. **Sophonisbe** by Trissino, and also works by other Italian playwrights like Dolce, Ruccellai, Tasso, and Guarini - These works and authors are mentioned in the context of adhering to classical unities and influencing European dramatic

Language Model

ChatGPT 4o ▾

Click on a prompt below to apply it to your selected pages.

search prompts

show all

Summary

Provide a summary of the text



Geographic locations

List geographic locations



Literary works and context

Literary works and their context



Organizations

List organizations



Personal names

List personal names



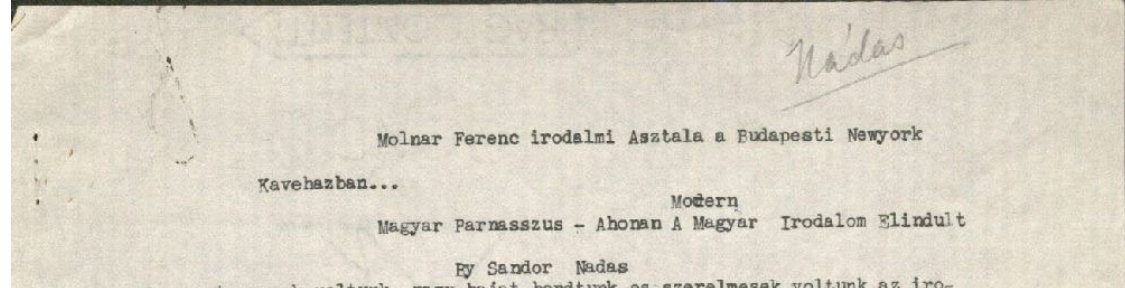
Stylistic Analysis

Analyze the style of the text



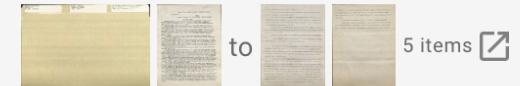
Recognition with Context

Recognition with Context



Literary works and their context

ChatGPT 4o



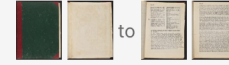
1. **LILLIOM**: This work was mentioned as having been written by Molnár Ferenc at his dedicated café table amidst the hustle and bustle of the New York Café in Budapest. It is highlighted as one of his immortal works crafted in this vibrant environment.
2. **Az Ördög (The Devil)**: The document mentions this play by Molnár Ferenc as his first great international success, which he wrote at the New York Café. It gained tremendous popularity and was performed simultaneously in two theaters in New York, capturing significant attention during the early 1900s.
3. **Tanitónő**: Mentioned in relation to its author, Bródy Sándor, who is noted for his significant contribution to enriching Hungarian literature. The document remarks on his influential literary output, with "Tanitónő" being a notable work recognized across Europe, illustrating his impact.
4. **Madách Imre's Drama** (implicitly referenced): Though not directly named, the mention of Madách Imre aligns with his well-known play "The Tragedy of Man" ("Az ember tragédiája"). The mention speaks to the Hungarian literary tradition and the courses these influential dramas took in contributing to Hungary's national literature.

bekes varost. Az emberek azt hittek hogy csak hetekig eintek ezzel az organnummal, vagy engem utnek egyon vagy a lapomat.
Tevedtek az emberek. Amire meg keves pelda volt a vilagon, 30 evig egyedul szerkeztettem es egyedul irtam ezt a lapot. 1938 tavaszán jubilaltuk a 30 éves evfordulot. Vegigeltem haborut, forradalmakat, szunetelni ek egyszer szuneteltem, 1919ben a Budapesti Kommunizmus alatt. Akkor Kuhn Bela elol kellett szaknom. Lapom több mint egy evig nem jelenhetett meg es most ujra nem jelenhetek meg. Bizonyos kormány intézkedések, ez előtt egy felesztendővel meghuztak a halal harangot. A Budapesti szepmultu PESTIFUTAR felett.



List medical terms

ChatGPT 4o



50 items

The document contains a variety of medical terms. Here is a list of some that appear in the text:

1. Amaurosis
2. Acute ophthalmia
3. Chronic ophthalmia
4. Purulent ophthalmia
5. Rheumatic ophthalmia
6. Ophthalmitis
7. Conjunctivitis
8. Hordeolum
9. Cataract
10. Entropia
11. Ectropia
12. Trichiasis
13. Pterygium
14. Opacity and vascularity of the cornea
15. Nebula
16. Albugo
17. Leucoma
18. Staphyloma
19. Onyx
20. Iritis
21. Lippitudo
22. Synechia anterior
23. Synechia posterior
24. Myosis
25. Closed pupil with coagulable lymph deposition
26. Proclentia iridis
27. Glaucoma
28. Exophthalmia
29. Atrophy
30. Hypertrophy
31. Complete loss of eye
32. Obstruction of nasal duct
33. Postmorbidity disturbances (examples: Sarcomatous tumor, Encysted tumor)
34. Bronchitis
35. Pneumonia
36. Asthma
37. Psoriasis
38. Ichthyosis
39. Herpes

Language Model

Claude 3.5 Sonnet ▾

Click on a prompt below to apply it to your selected pages.

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Summary

Provide a summary of the text ★

Geographic locations

List geographic locations ★

Literary works

List literary works ☆

Literary works and context

Literary works and their context ★

Medical Terms

List medical terms ☆

Organizations

List organizations ★

Personal names

List personal names ★

Scientific terms


List scientific terms ☆

Stylistic Analysis

Analyze the style of the text ★

Domain-Specific Terminology

Memoranda, from a journal of tours made upon the Continent at various periods beginning in 1821, with illustrations sketched upon the spot, 1821-1836

50 of 105 items 

CHANGE SELECTION

HISTORY

Provide a summary of the text

ChatGPT 4o

50 items 

The text appears to be a collection of travel and personal journal entries documenting a series of tours through parts of Europe during the early 19th century, particularly between the years 1821 and 1828. The author, whose identity is not explicitly mentioned, chronicles experiences and observations in regions such as France, Italy, Switzerland, the Tyrol, Bavaria, and elsewhere.

The entries describe various travel routes, including voyages by sea from places like Brighton to Dieppe, and document overland journeys across Europe, highlighting key cities such as Paris, Milan, Venice, Rome, and Naples. Notable events include descriptions of landscapes, interactions with locals, and visits to cultural sites like the opera and architectural works in these regions.

The author details interactions with different social classes and nationalities, observing customs and social practices, and providing insights into daily life during the period. The journal entries capture elements of social dynamics, infrastructure, natural phenomena, such as an eruption of Mt. Vesuvius, and cultural peculiarities witnessed along the way.

Several entries also reflect on personal encounters, such as meeting interesting individuals, both locals and fellow travelers, along with brief anecdotes about these interactions. The text's tone varies from informative and descriptive to personal, reflecting both a travelogue and a personal narrative style of writing. The travel chronicles not only the geographic and cultural journey but also include personal reflections and social commentary.



Provide a summary of the text

Claude 3.5 Sonnet

50 items 

This text appears to be excerpts from a travel journal or diary, primarily covering trips through Europe in the 1820s. The author describes visits to various locations including Italy, Switzerland, Germany, Belgium, and the Netherlands. Some key points include:

- Detailed observations of scenery, architecture, and local customs in places like Naples, Rome, Venice, and the Swiss Alps.
- Descriptions of notable experiences like visiting salt mines in Bavaria and witnessing a volcanic eruption at Mount Vesuvius.
- Commentary on the behavior and characteristics of fellow travelers and locals encountered.
- Sketches of people and places are mentioned as accompanying the written entries.
- The author seems to be an English traveler, likely of some means, able to undertake extended tours of Europe.
- There are frequent references to traveling companions and social connections made along the way.
- The writing style is very descriptive, with a focus on visual details and atmospheric impressions of the places visited.

Overall, the text provides a vivid first-hand account of European travel in the early 19th century, blending personal anecdotes with cultural observations.



Summarization

Language Model

ChatGPT 4o 

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Summary

[Provide a summary of the text](#) 

Geographic locations

[List geographic locations](#) 


Literary works

[List literary works](#) 


Literary works and context

[Literary works and their context](#) 


Medical Terms

[List medical terms](#) 


Organizations

[List organizations](#) 


Personal names

[List personal names](#) 

Scientific terms

[List scientific terms](#) 

Stylistic Analysis

[Analyze the style of the text](#) 

What's Next?

- Text recognition
 - Cultural Heritage IT collaboration project on provenance data
 - Incorporate ~15K pages of text from staff transcription project
- Course pilot

Thank you!

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