

Artificial Intelligence Research Guide

Lura Sanborn - Reference Librarian

Reference Books

The list below identifies Reference Books recommended for those researching Artificial Intelligence. You may find other useful Reference materials during your research process.

- **Computer Sciences:** REF 001.6 F67 2002
- **Encyclopedia of Computer Science:** REF 001.6 R13
- **Encyclopedia of Computers and Computer History:** REF 004.03 R63
- **Encyclopedia Britannica:** REF 032 En2
- **Concise Encyclopedia of Robotics:** REF 629.892 G35

For the online database version of the Encyclopedia Britannica, click [HERE](#).

Circulating Books

Try the following terms as subject searches in the Library's [online catalog](#):

Broad Term:

- Artificial Intelligence

Narrower Terms:

- Adaptive Control Systems
- Automatic Theorem Proving
- Expert Systems
- Machine Learning
- Neural Networks

Library Databases

All library databases are accessible [HERE](#).

Databases recommended for researching Artificial Intelligence:

- [EBSCO Academic Search](#): Provides access to dozens of scholarly science journals as well as hundreds of additional academic journals.
 - **Search tip:** Note the recommendations in the "Narrow Results by Subject" box to the right of your search results.
 - **Search tip:** Check the "Full-text" box on the first search screen to retrieve only full-text articles.
- [JSTOR](#): Provides access to dozens of scholarly science journals as well as hundreds of additional academic journals.
 - **Search tip:** Create a search string that includes the phrase "artificial intelligence."
 - For example: "artificial intelligence" AND "legal advice"

- **Search Tip:** Once an article is open on your screen, check the right side of the screen to determine whether other articles in JSTOR cite this same article. This could lead you to other relevant work on the same topic.
- **ProQuest:** Provides access to thousands of current U.S. magazines, journals and newspapers. Many of these periodicals discuss scientific affairs.
 - **Search tip:** Create a search string that includes the phrase “artificial intelligence.”
 - For example: “artificial intelligence” AND languages
 - **Search tip:** Note the recommendations in the “Topic” box above your search results.
- **General database tip:** As you become more familiar with your topic, consider adding additional, specific terminology to refine your searches (both in library databases and other online sources).
 - For example: “artificial intelligence” AND checkers AND Chinook AND Tinsley
 - For example: “artificial intelligence” AND Eliza AND psychotherapeutic AND Weizenbaum

Websites

- [MIT AI Laboratory](#)
- [Journal of AI Research](#)
- [Institute for Information Technology](#)
- [Association for the Advancement of Artificial Intelligence](#)
- [Library of Congress Authority Records](#)
- [UNH Library Online Catalog](#)
- [Google Scholar](#)
 - **Search tip:** Use the “Cited by” function as a method of locating additional relevant materials.

Updated August, 2009.