

# User Guide for MathEduc Database



**MathEduc**, (formerly MATHDI) is an international reference database offering a world-wide overview of literature on research, theory and practice in mathematics education. It also covers education in computer science on the elementary level. Approximately 500 international journals are evaluated and included.

## 1. Search (Quick Search)

1a. Enter search term(s) in the search box(es)

1b. Click the **Go** button to start a search

The screenshot shows the MathEduc Database homepage with a search form. The search term 'Wiles, W' is entered in the 'Author' field. A 'Go' button is visible to the right of the search fields.

## 2. Command Search

2a. Enter search terms including boolean operators (& = AND, | = OR) and appropriate field labels

2b. Click the **Go** button to start a search

The screenshot shows the 'Query form' section of the MathEduc Database. The search term 'au:Spindler ti:blind' is entered in the 'Query form' field. A 'Go' button is visible to the right.

## 3. Advanced Search

3a. Click the **here** to enter to the 'Advanced Search' screen

3b. Select search field(s)

3c. Enter search terms

3d. Select logical operator **AND, OR, NOT** to link the

3e. Specify the date and limit search to specific material type (optional)

3f. Click the **Go** button to start a search

The screenshot shows the 'Advanced Search' screen of the MathEduc Database. The search form is populated with the following information:

- Search fields: Anywhere, Author, Title, Source, Classification, Abstract/Review
- Search terms: teach\*, Lott, Johnny, mathematic\*
- Logical operators: and
- Year: -
- Type:  Journal  Book  Article

A 'Go' button is visible at the bottom right of the search form.

## 4. Search Result Display and View Full Text Article using EdLINK

The screenshot shows the MathEduc search interface. At the top, there is a search bar with fields for 'Anywhere:', 'Author:', 'Title:', 'Source:', and 'Year:'. The 'Title' field contains the word 'teaching'. Below the search bar, there is a 'Query form:' section with a text input field containing 'ti: teaching' and a 'Go' button. To the right of the search bar, there are links for 'General Help' and 'Advanced Search'. Below the search bar, there is a 'Subscription' button and a 'Price list 2008' link. The search results show a list of records, with the first record highlighted. The record details include the title 'Critical evaluation of Internet resources for teaching trend and variability in bivariate data.', the author 'Forster, Pat', and the source 'Aust. Sr. Math. J. 21, No. 1, 6-18 (2007)'. Below the record details, there are buttons for 'PDF', 'XML', 'AMS-TeX', and 'TEXT'. A callout box points to these buttons, stating '4a. Each record can be viewed individually in PDF, XML, AMS-TeX or text format'. Another callout box points to the '@LINK' button, stating '4b. Click 'EdLINK' button to open EdLINK Menu and check availability of full text'. Below the record details, there is a section for 'EdLink services for this record' which lists full text availability from 'Informit A+ Education', 'Academic Search Premier', and 'Education Research Complete'. A callout box points to this section, stating 'This example indicates full text article are available from Informit A+ Education, Academic Search Premier, etc. Click "EdLINK" button to load the full text'. Below the 'EdLink services' section, there is a 'Holding information' section which lists holdings in 'HKIEd Library' and 'All Hong Kong University Libraries'. A callout box points to this section, stating 'Check holdings in EdCAT or in other UGC Libraries' catalogue'. Below the 'Holding information' section, there is a 'Reference' section which includes a 'Download Record into RefWorks Direct Export Tool' button. A callout box points to this button, stating 'Export the record to RefWorks (Bibliographic Management tools)'. Below the 'Reference' section, there is a 'Web Search' section which includes a 'Save citation information' button. A callout box points to this button, stating 'Click to display the citation information in MLA, APA or Chicago format'. Below the 'Web Search' section, there is a search engine input field with the text 'Search Terms: Critical evaluation of Internet resourc'. A callout box points to this field, stating 'To locate more information related to the journal article via a web search engine'. The screenshot also shows a preview of the full text article in a separate window, displaying the title, author, and summary.

## 5. Print / Save Records

Use the 'Print' and 'Save As' functions from the web browser.