New Directions for the ALM Journal:

Workshop

Jeff Evans (ALM Trustee)
John O' Donoghue (ex-Chair ALM)
Javier Diez-Palomar (Editor-in-Chief)
Kathy Safford (ex-Chair, former Editor-in-Chief)

ALM-24, Albeda College, Rotterdam, 2-5July 2016

New Directions for ALM-IJ

Motivations for this Workshop:

15 years of ALM-IJ

+ John O'Donoghue's plenary at ALM-23

+ Imminent change of Editor-in-Chief

Possibilities for the Future:

1. Maintenance of status quo
2. Development of "higher quality" journal (academic terms)
3. Other?

[John to comment?]

New Directions for ALM-IJ

Ideas for consideration:

(i) Reviewing the priorities for topics for articles? (Javi to outline and comment?)

(ii) Strengthening of organisation

- the appointment of a new Editorial Team, to span the scope of ALM-IJ: say Ed-in-Chief, plus 2 or 3 colleagues with complementary expertise?
- refreshing the membership of the Editorial Board?

(Javi and Kathy to comment?)

(iii) Consideration of publication details: e.g. frequency?

New Directions for ALM-IJ

Ideas for consideration (cont'd):

(iv) Forming links between ALM-IJ and Journals serving other branches of mathematics education (or adult education),

e.g. *Educational Studies in Mathematics* (Dordrecht NL)

Literacy and Numeracy Studies (UTS Sydney) ?

- Organising a Special Issue of ALM-IJ, themed on a topic deeply researched in maths education, and co-edited with an expert from mathematics education, e.g. the *ALM-IJ* Special Issue on Gender, ed. by the late Christine Keitel in 2008 ca.
- Offering to co-edit a SI on adult maths education in an established journal, e.g. SI of *Literacy and Numeracy Studies*, edited by Betty Johnston, Jurgen Maasz, Gail FitzSimons, Keiko Yasukawa, in 2002

EPI·STEM

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Weaknesses (ALM 23)

A small number of weaknesses are implicit in the previous section. These are identified as:

- a narrow interpretation of AME,
- Little progress towards integrating Research and Practice in AME,
- Relatively little output in other areas of AME.

National Centre for STEM Education

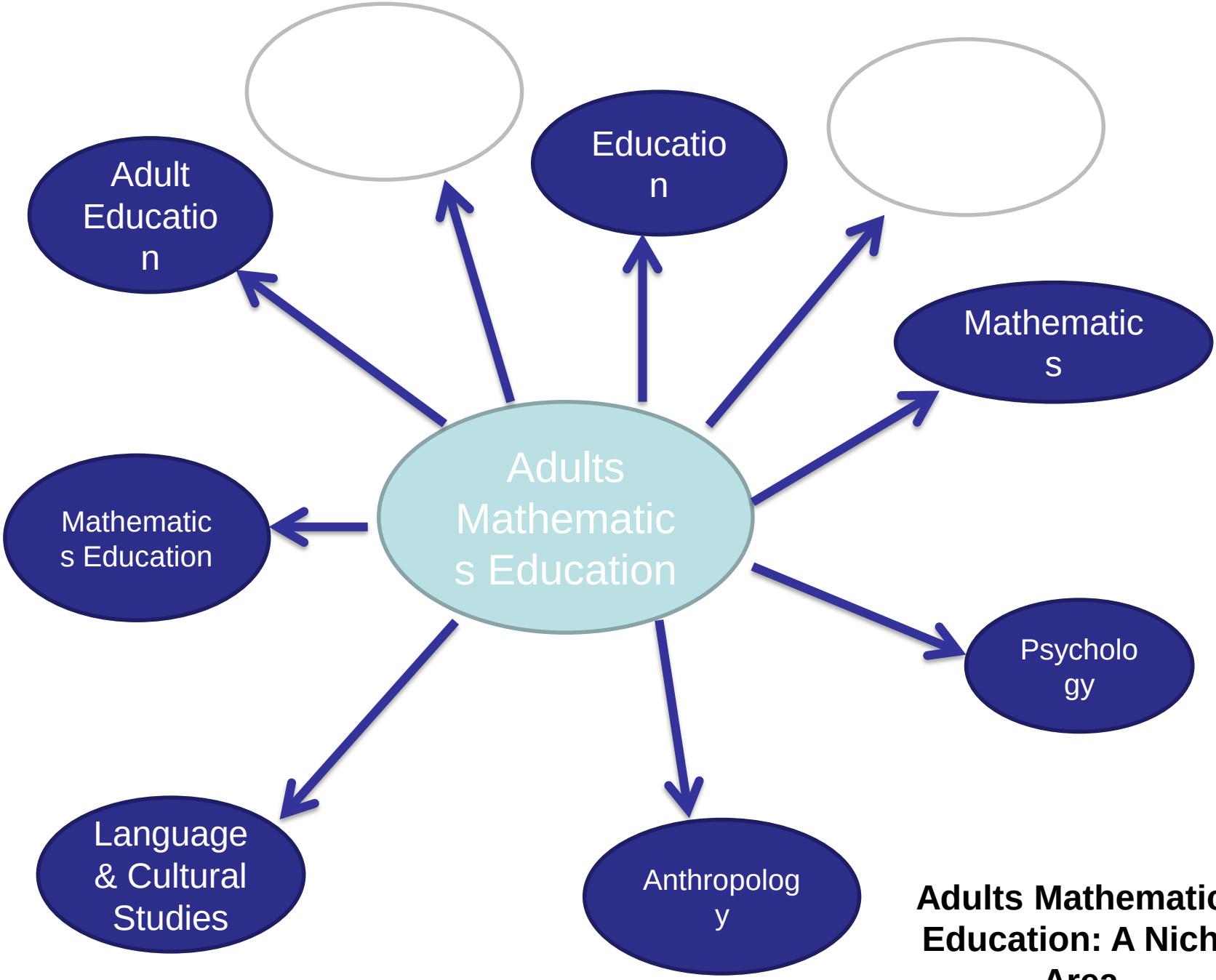
Threats (ALM 23)

One looks to internal and external factors for threats.

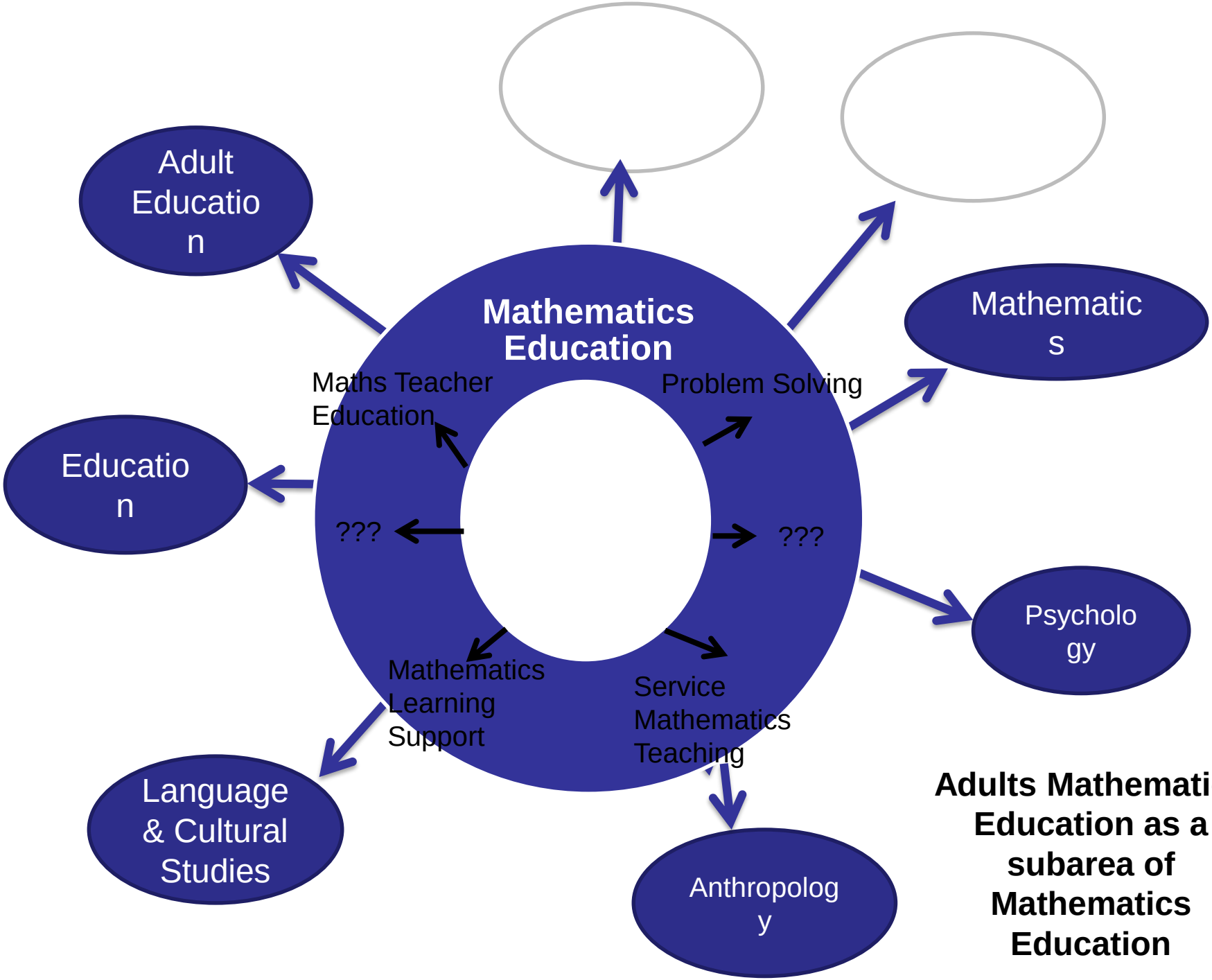
4.4.1 Complacency

4.4.2 Emphasis on service aspect of education

4.4.3 AME outside the mainstream



Adults Mathematics Education: A Niche Area



Adults Mathematics Education as a subarea of Mathematics Education

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AME as an emerging area in Mathematics Education

- ❑ Advantages for AME/ALM
- ❑ Advantages for ALMIJ
- ❖ Potential for enlarged membership/readership
- ❖ Radical view – re-make ALMIJ
- ❖ Special issues options enlarged within Maths Education and without
- ❖ ALMIJ Special issue dedicated to Practice/Practitioners

ADULTS LEARNING MATHEMATICS: AN INTERNATIONAL JOURNAL

SCIENTIFIC IMPACT

CRITERIA FOR SCIENTIFIC EXCELLENCE

Peer review
Ethical Publishing Practices
Publishing Format
Timeliness
International Editorial Conventions
Editorial content relevant
International focus
Citation analysis and metrics

Clarivate Analytics

Web of Science
Trust the difference

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As stated earlier, our basic mission is to provide access to the world's most important and influential journals regardless of the media in which they are published.

The format of electronic journals is extremely important. The following guidelines help to ensure correct citation of articles and reduce the possibility of ambiguity when citing articles.

1. Ensure that it is easy to identify the following elements:
   - Journal title
   - Year of publication
   - Volume and/or issue number (if applicable)
   - Article title
   - All article identifiers, including page number, article number, DOI and PII (see item #2 below)
   - Authors names and addresses
   - A complete table of contents for each issue that includes the page or article number for each article (unless the journal is being published as single articles)
2. Follow these guidelines for article identifiers in both source articles and in citations; this helps ensure their proper use by those referencing the article:
   - Each article must be assigned a unique article number or include continuous pagination (whichever numbering scheme is being used). If the same article numbers are repeated in each issue within a volume, ambiguities will result when citing the original article
   - If your journal has page numbers and article numbers, list them separately and not merged together (for example: Art. #23, pp. 6-10 and not 23.6-23.10)
   - Include a DOI. The article number should not be the DOI
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   b. Volume number (if applicable)
   c. Issue number (if applicable; within parenthesis)
   d. Page number and/or article number (clearly identifying the article number as such)
   e. Year of publication

Peer review

Ethical Publishing Practices

Publishing Format

Timeliness

International

Editorial Conventions

Editorial content relevant

International focus

Citation analysis and metrics

Adults Learning Mathematics – An International Journal is an international refereed journal that aims to provide a forum for the online publication of high quality research on the teaching and learning, knowledge and uses of numeracy/mathematics to adults at all levels in a variety of educational sectors. Submitted papers should normally be of interest to an international readership. Contributions focus on issues in the following areas:

- Research and theoretical perspectives in the area of adults learning mathematics/numeracy
- Debate on special issues in the area of adults learning mathematics/numeracy
- Practice: critical analysis of course materials and tasks, policy developments in curriculum and assessment, or data from large-scale tests, nationally and internationally.

Peer review

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Timeliness

International Editorial Conventions

Editorial content relevant International focus

Citation analysis and metrics

Date _____

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The following guidelines are intended to help you writing your judgments on a manuscript for publication in the *Adults Learning Mathematics: An International Journal*.

Remember that your [anonymous] report will be sent directly to the author(s)

Section A: First rate the manuscript

A	Recommended for publication subject to minor changes to be made in consultation with the Editor.	
B	Recommended for publication subject to revisions to be carried out to the satisfaction of the Editor.	
C	Recommended for publication only after the author has rewritten the manuscript and the paper has been reviewed again.	
D	Not recommended for publication.	

Section B

	Yes	**No**	**Undecided**
Original contribution to the field of mathematics education of adults			
Methodology was appropriate			
The paper is well written			

General Comments

Suggestions for improvement

Peer review
Ethical Publishing Practices
Publishing Format
Timeliness
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Conventions
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Citation analysis and metrics

The ALM International Journal is published twice a year.

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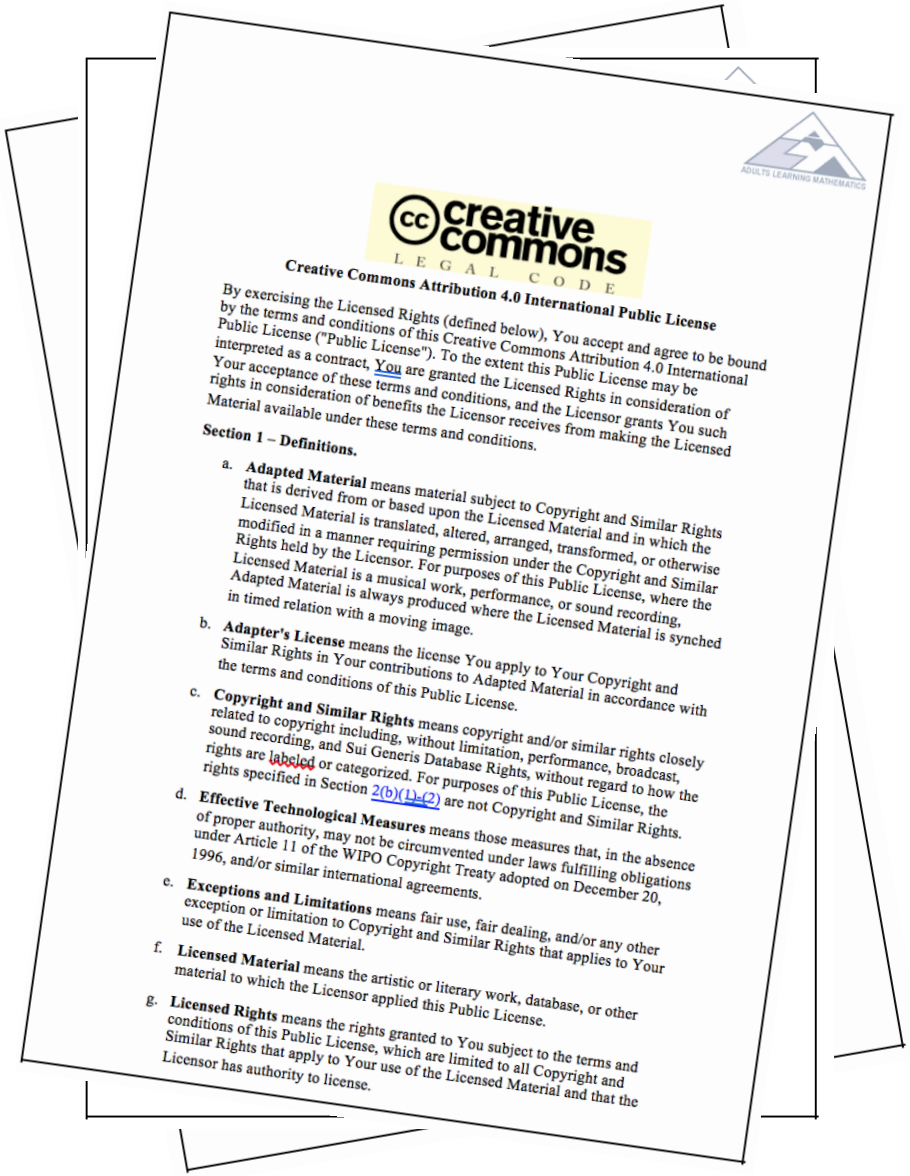

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- instruction for authors
- template for authors

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ISSN: 1744-1803

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Journal Chief Editor

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since 1994, with an annual conference and newsletters for m
international research forum bringing together researchers

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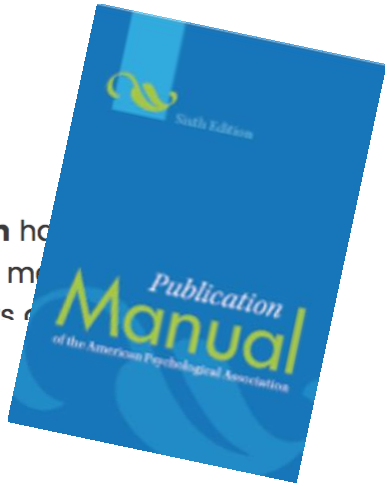

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Title of your article

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Linz, Austria
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Abstract

Type here your abstract. No longer than 300 words. Use ALMIJ body text. E.g. For many people mathematics is something like a very huge and impressive building. It has a given structure with lots of levels and rooms. For many people this structure and therefore mathematics itself is independent from society, culture and history. It exists and mathematicians try to recover (not: to construct!) new parts of it. From this point of view mathematics is often seen as a lifeless and strange thing and not as a living construct of human beings.

Many mathematics teachers argue that they can't change their way of teaching because they see mathematics from this dominant point of view and think that mathematics will not allow changes. Asking what this means they say that mathematics is something independent from them with a fixed structure.

Key words: no more than six words that characterize your paper, e.g. mathematics; cognitive-affective relationship; affect; emotion; motivation.

Section 1 – using ALMIJ heading 1

In this section you type your text in ALMIJ body text. E.g. In my opinion it is very important for our society to change the image of mathematics, since many studies show that the bad image of mathematics has not changed in past hundred years.

On the one hand many adults remember their experience of learning mathematics at school or university as a bad and stressful situation. They did not understand why they should learn to handle all these difficult algorithms. Many teachers have not answered their important "Why?" -question satisfactorily. Teachers often tell their students: "You will understand this later on, after you have learned mathematics!" Many mathematicians as well as educators and teachers of mathematics have criticised this – for example, Felix Klein about a hundred years ago. But the situation has not changed. If we read Klein today (see Klein, 1926, and his contributions to the "Meraner Reform" analysed by Inhetveen, 1976) we have the feeling that he is talking about today's mathematics lessons.

On the other hand *"too few people recognize, that the high technology so celebrated today is essentially a mathematical technology",* according to Edward E. David, former president of Exxon Research and Development (David, 1984, p. 142). Mathematics is really a

powerful force enhancing technological development and changing society and the lives of everyone:

List your bullets with ALMIJ list as follows:

- Mathematics is the basis of the new technologies, since mathematical algorithms are included in all computer software, and computer hardware is materialised mathematical logic.
- Increasingly efficient computers with a great variety of software also play an important part in contributing to the growing influence of mathematics, not only indirectly through other sciences, but also directly through the mathematical models integrated in standard software.
- Mathematical methods and ways of thinking are being used in an ever-increasing number of scientific disciplines (Who is not using statistical methods nowadays?) and, as a result, in more and more spheres of life.
- Mathematics helps to plan the future by constructing models and simulating different development strategies in economics and politics (see Maasz & Schloeglmann, 1988).

Then continue with typing your text again in ALMIJ body text.

Subsection 1 in section 1, using heading 2

In this part you type the text for subsection 1 within section 1 with ALMIJ body text

Sub-subsection 1 in subsection 1 in section 1, using heading 3

In this part you type your text for sub-subsection 1 with ALMIJ body text.

If you use figures, then center your figures like below and use the figure text. Also, in addition to your paper, send in your figures as separate jpg or Tiff files in 300 dip resolution.

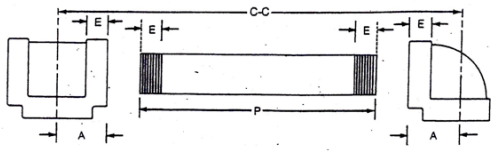

Figure 1. Pipe assembly to be constructed by John using standard pipe fittings and a cut piece of pipe.

Insert tables with an explanation as follows:

Table 1. Distribution of student's degree programs in the sample by sex.

	Women (45)	Men (22)	Total (67)
Prospective School Teachers (PST)	56% (25)	23% (5)	45% (30)
Liberal Studies (non PST)	4% (2)	9% (2)	6% (4)
Theater, Art, Music, Dance	11% (5)	9% (2)	10% (7)
Psychology, Sociology, Humanities	9% (4)	14% (3)	10% (7)
Mathematics, Computer Science	2% (1)	4% (1)	3% (2)

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Journals

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Germany (8)
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ISSN	Title	ICDS
0120-2812	ACTA AGRONÓMICA (PALMIRA)	10.0
1755-375X	ACTA OPHTHALMOLOGICA	11.0
0001-639X	ACTA OPHTHALMOLOGICA	1.5
1395-3907	ACTA OPHTHALMOLOGICA SCANDINAVICA	4.3
0065-1451	ACTA OPHTHALMOLOGICA. SUPPLEMENT	4.0
0871-066X	AL-MADAN . ALMADA	4.5
0401-3182	ALFOLD: IRODALMI MUVELODESI ES KRITIKAI FOLYOIRAT	3.0
1587-1061	ALKALMAZOTT NYELVTUDOMÁNY	3.7
1744-1803	ALM JOURNAL	4.1
1124-0148	ALMA MATER STUDIORUM	1.5
0905-4545	ALMEN SEMIOTIK	4.5
0516-8015	ALMENA	1.5
0211-2310	ALMENARA	1.5
1134-1211	ALMIREZ	1.8
1695-2669	ALMOGAREN : REVISTA DEL CENTRO TEOLÓGICO DE LAS PALMAS	4.0
1133-5319	ALMORAIMA. REVISTA DE ESTUDIOS CAMPOGIBRALTAREÑOS	4.0
1887-2417	AMBIENTALMENTE SUSTENTABLE	2.5

ALM JOURNAL

ISSN 1744-1803 | Visibility | Publisher's info

Title	ALM JOURNAL
Variant title	ADULTS LEARNING MATHEMATICS
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Subject	EDUCATION
Academic field	MATHEMATICS
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ICDS	ISSN: 1744-1803 Está en una base de datos de indización y resumen o en DOAJ (, ERIC (Education Resources Information Center)) = +3 Antigüedad = 12 años (fecha inicio: 2005) Pervivencia: $\log_{10}(12)$ = +1.1 **ICDS = 4.1**

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Next steps?

What ALMIJ do you dream with, for the next coming years?

Kathy Safford – Points to Ponder

- Good News
  - The journal is being indexed on ERIC, the primary education research source for US researchers
  - Articles address practice and research
  - Established links to Adult Basic Education community
- Concerns
  - Editorial Board needs revision
  - Small pool of authors – 20% articles by 4 authors
  - Persistent tension between researchers and practitioners
  - Getting the word out
    - Outreach to other organizations, e.g. in the United States:
      - National Association of Developmental Educators (NADE)
      - American Mathematical Association of Two-Year Colleges (AMATYC)
      - American Association of Adult and Continuing Education (AAACE)
    - Personal invitation to new researchers in the field
    - Welcoming practitioners as authors