



COMP110: Principles of Computing
4: Research Skills



Research journal



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 - ▶ With reference to appropriate academic sources

Marking rubric

See assignment brief and video on LearningSpace

Timeline

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- ▶ Finding and reading academic papers takes time and effort — don't leave it until the last minute!

Scholarly literature



Scholarly work

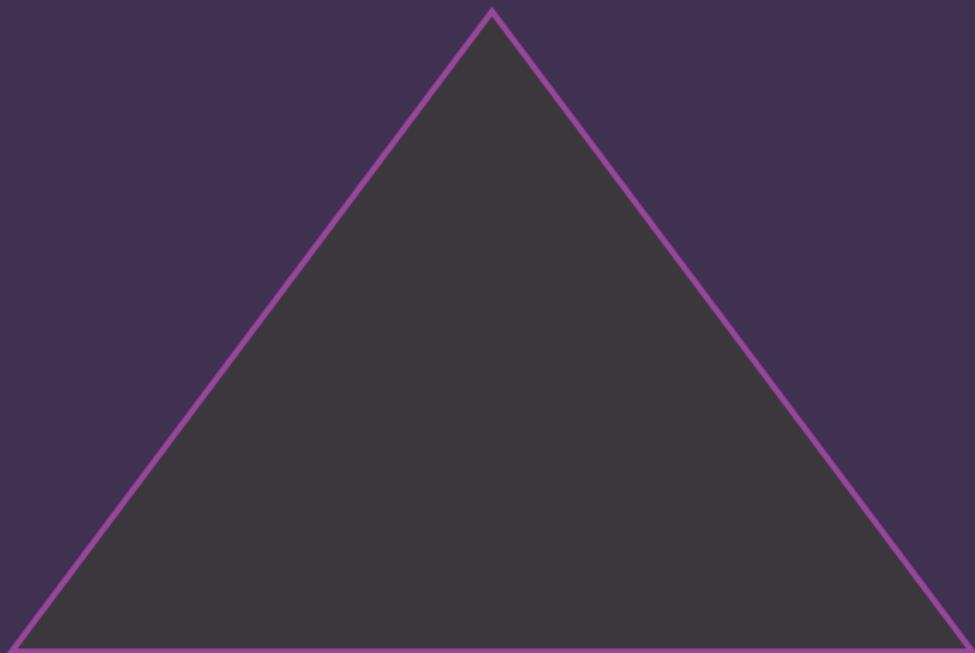
Scholarly work

- ▶ What is a “scholarly” work?

Scholarly work

- ▶ What is a “scholarly” work?
- ▶ How do we know if something is scholarly?

Pyramid of sources



Pyramid of sources

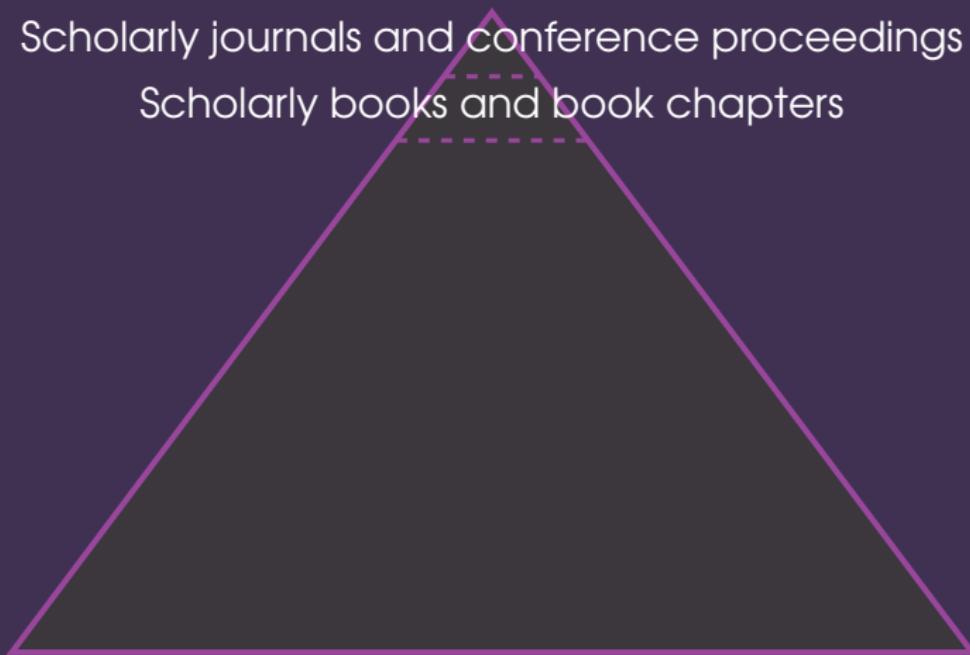
Scholarly journals and conference proceedings



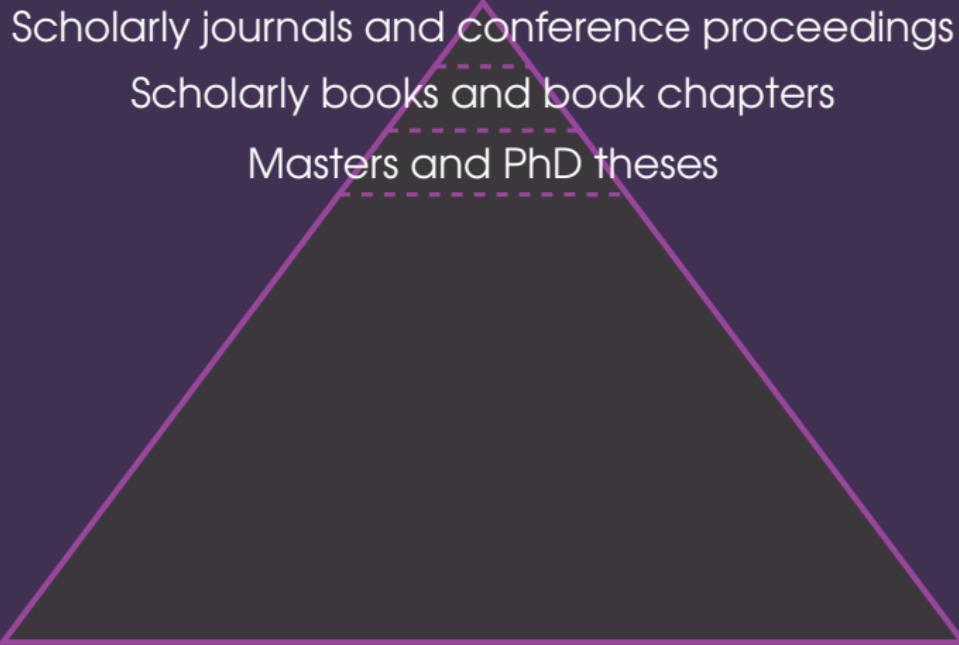
Pyramid of sources

Scholarly journals and conference proceedings

Scholarly books and book chapters



Pyramid of sources



The diagram features a large, dark grey triangle pointing upwards, representing a pyramid. Inside the triangle, there are three horizontal dashed lines of increasing height from bottom to top. Each line is associated with a type of academic source: the bottom line is labeled "Masters and PhD theses", the middle line is labeled "Scholarly books and book chapters", and the top line is labeled "Scholarly journals and conference proceedings".

Scholarly journals and conference proceedings

Scholarly books and book chapters

Masters and PhD theses

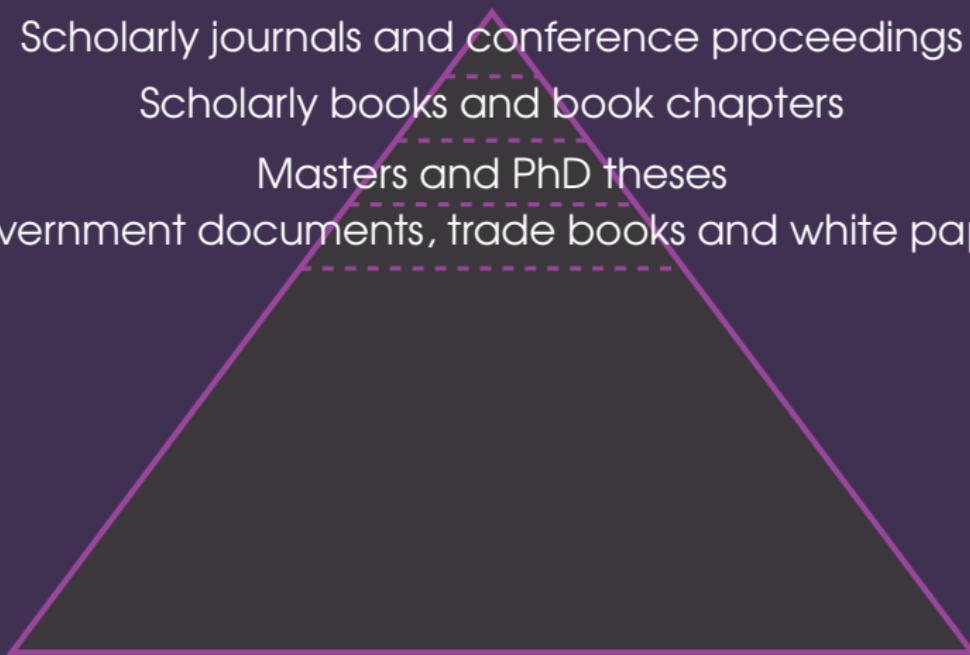
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Specialised magazines

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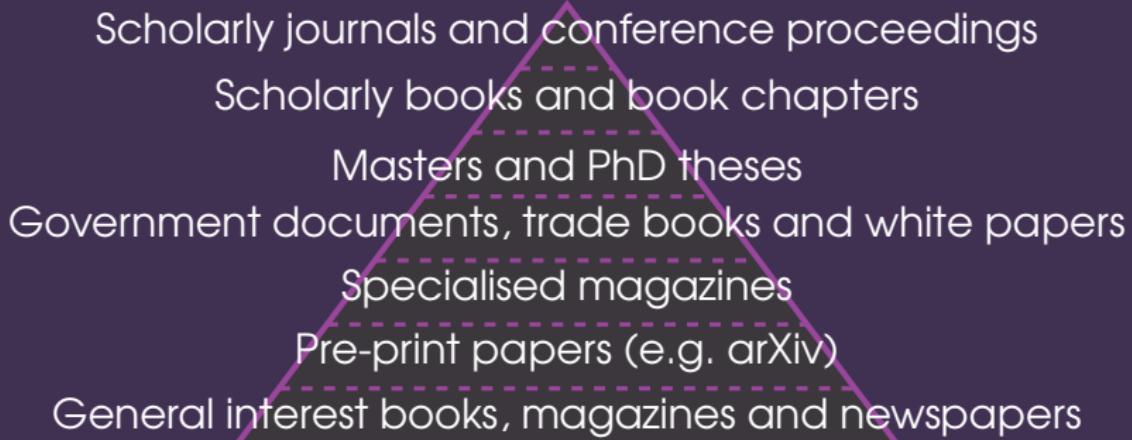
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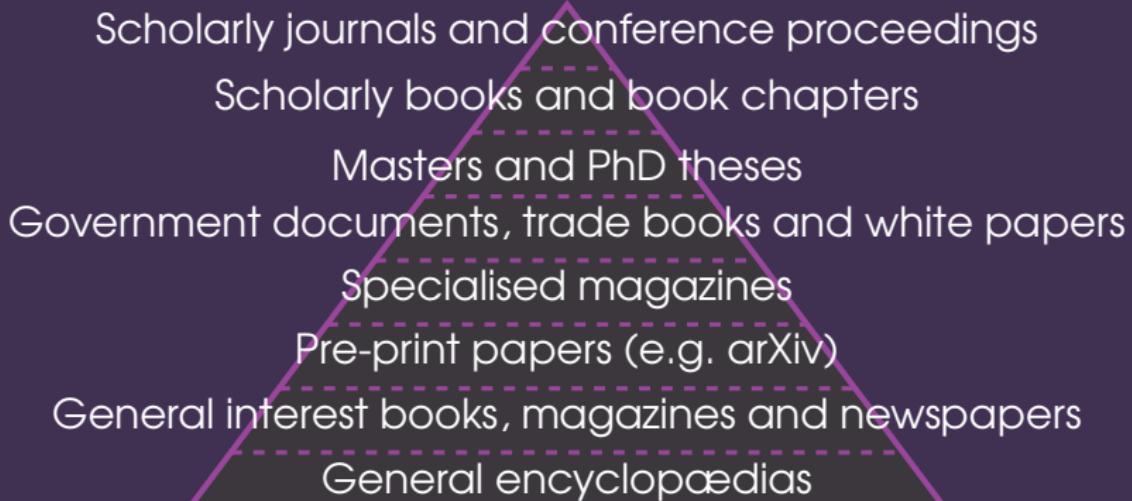
Specialised magazines

Pre-print papers (e.g. arXiv)

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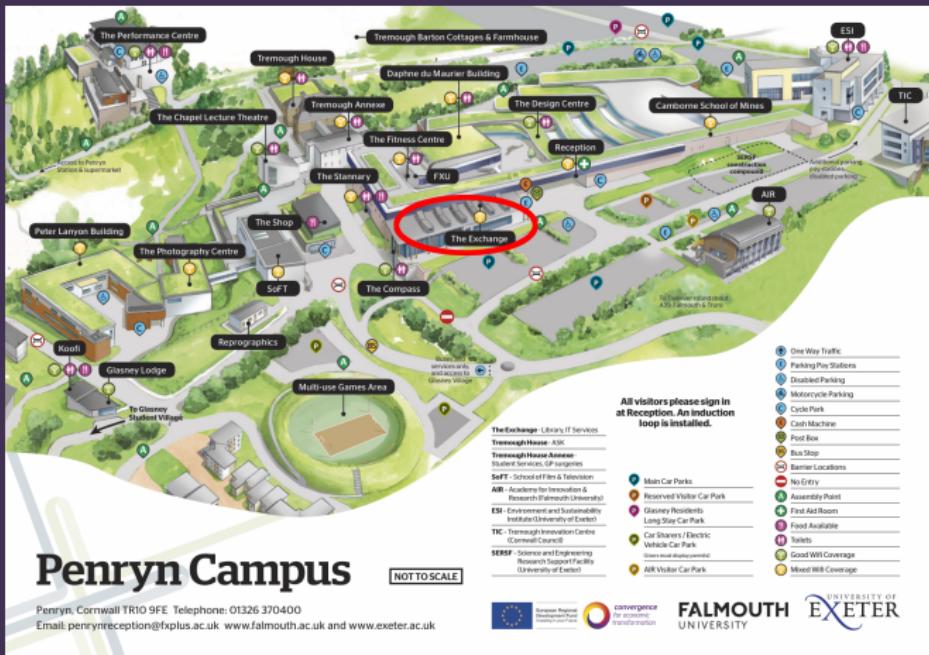
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The **way** in which sources are **used** is therefore important

Library resources



The library



Penryn, Cornwall TR10 9FE Telephone: 01326 370400
Email: penryn.reception@fplus.ac.uk www.falmouth.ac.uk and www.exeter.ac.uk

Library catalogue

<http://library.fxplus.ac.uk/>

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ACM Digital Library

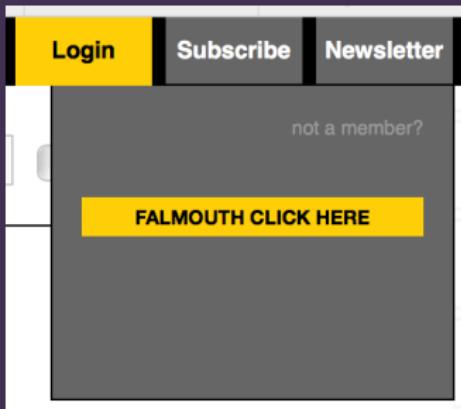
<http://dl.acm.org.ezproxy.falmouth.ac.uk/>

IEEE Xplore

<http://ieeexplore.ieee.org.ezproxy.falmouth.ac.uk/>

GDC Vault

<http://www.gdcvault.com.ezproxy.falmouth.ac.uk/>



There are only a limited number of login slots available —
remember to log out when you have finished!

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Introducing LaTeX



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```
\part{Introducing LaTeX}
\frame{\partpage}

\begin{frame}{What is LaTeX?}
    \begin{itemize}
        \pause\item A \textbf{typesetting} system
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            (like HTML or Markdown)
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    \end{itemize}
\end{frame}

\begin{frame}{These slides were written in LaTeX}
    % Display the first few lines of this file
    \lstinputlisting[firstline=3,lastline=18]{latex.tex}
\end{frame}
```

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IEEE referencing style

[https://ieeeauthorcenter.ieee.org/wp-content/
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Harvard referencing style

<https://studyhub.fxplus.ac.uk/study-guides/referencing/harvard-referencing-falmouth-university>

BibTeX entry types

https://en.wikibooks.org/wiki/LaTeX/Bibliography_Management#BibTeX

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- ▶ Reconvene here at 5:30pm for a wrap-up