



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

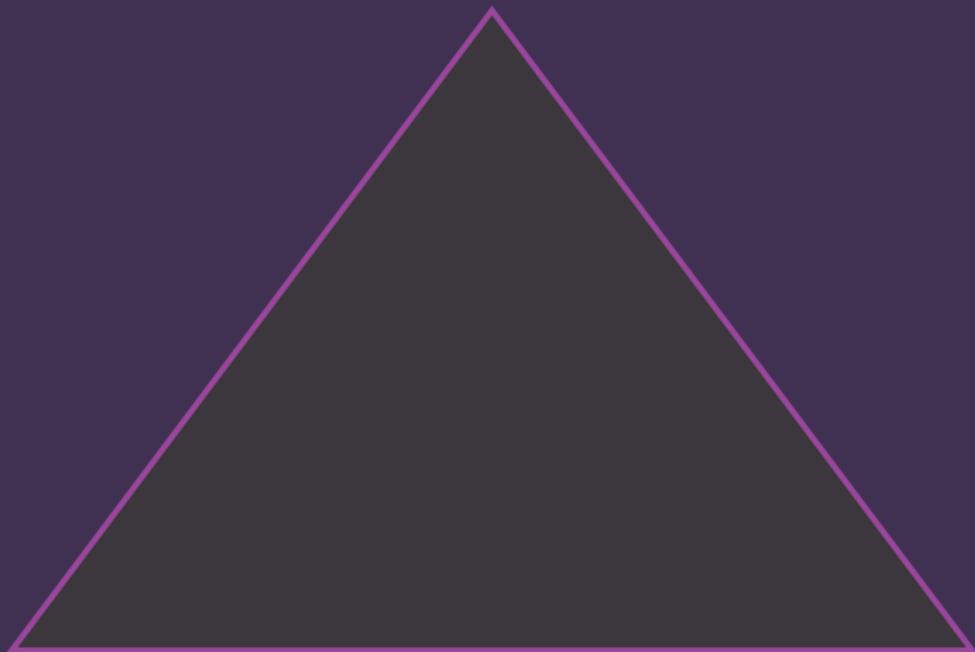
Scholarly work

- ▶ What is a “scholarly” work?

Scholarly work

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

Pyramid of sources



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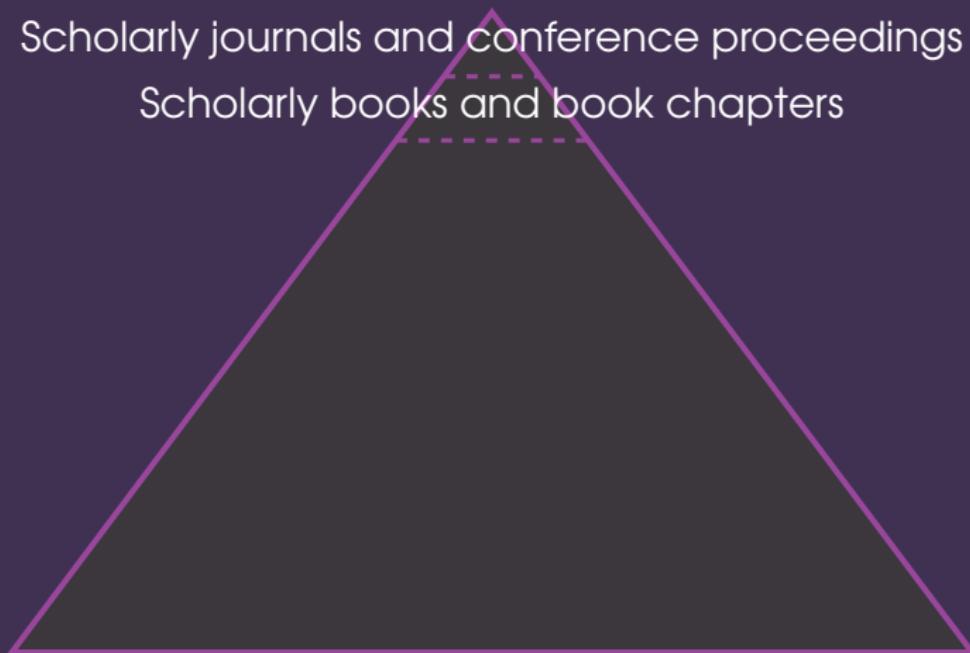
Scholarly journals and conference proceedings



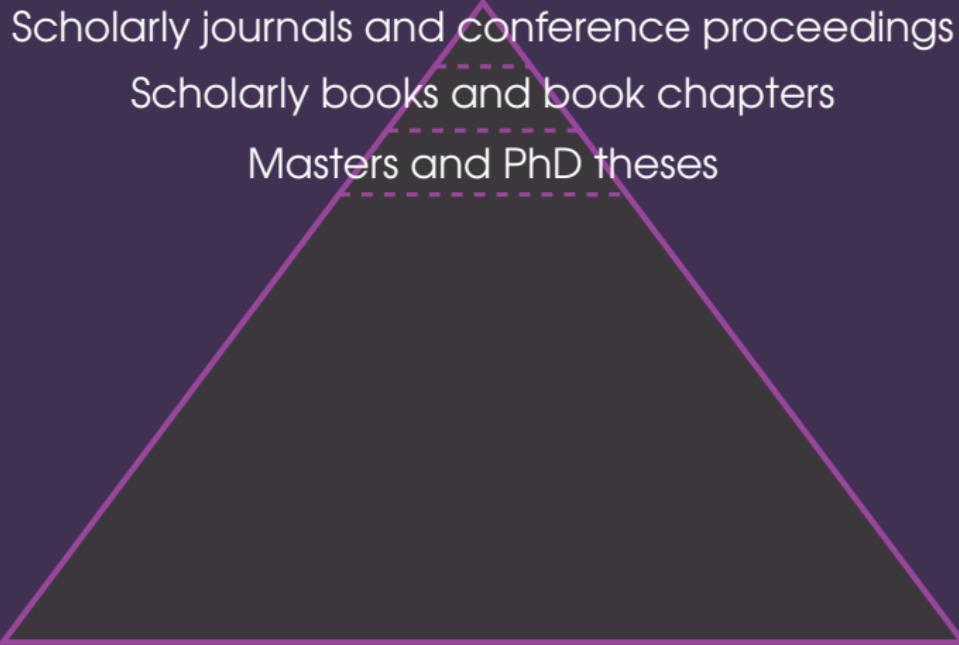
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Scholarly journals and conference proceedings

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

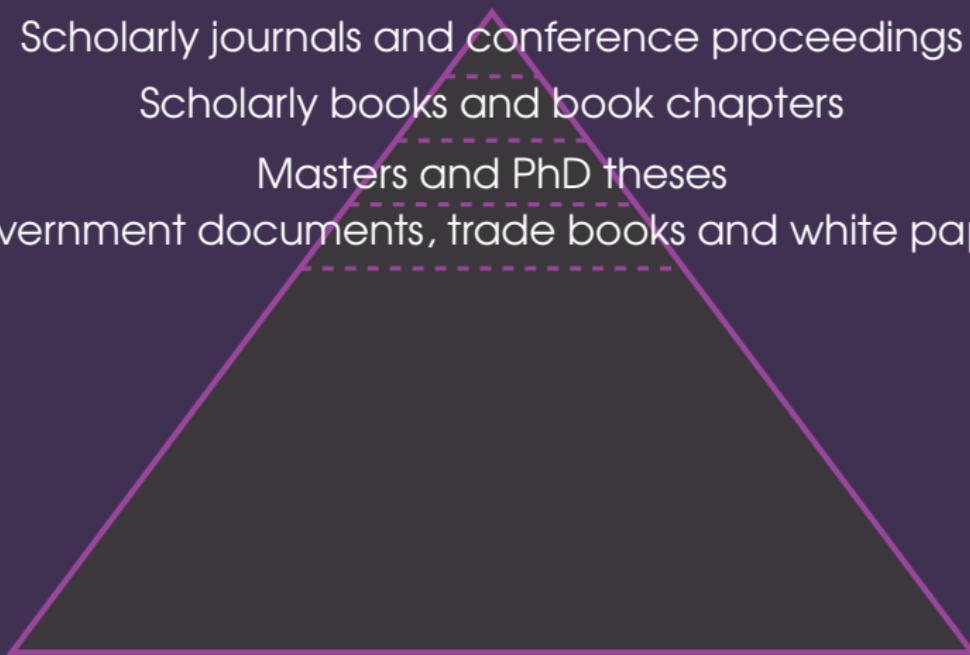
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Government documents, trade books and white papers



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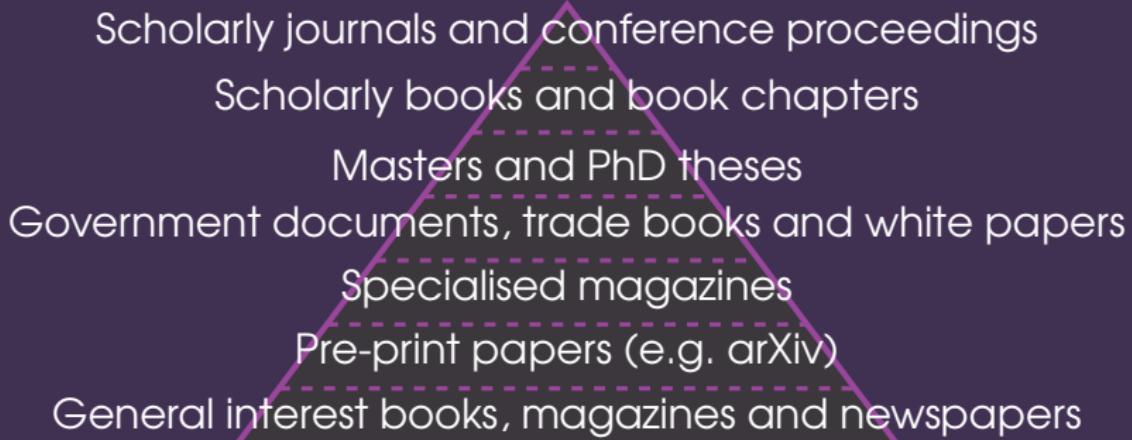
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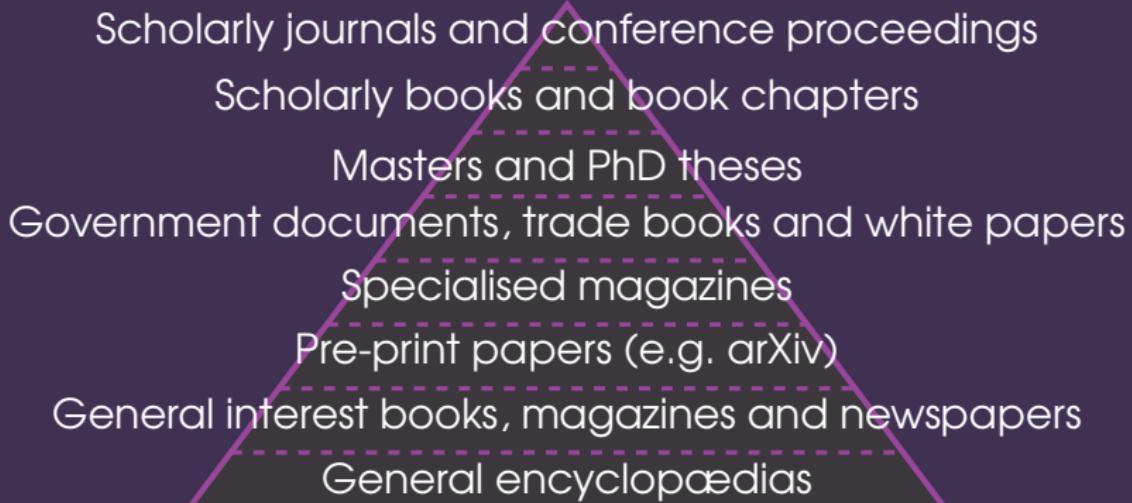
Specialised magazines

Pre-print papers (e.g. arXiv)

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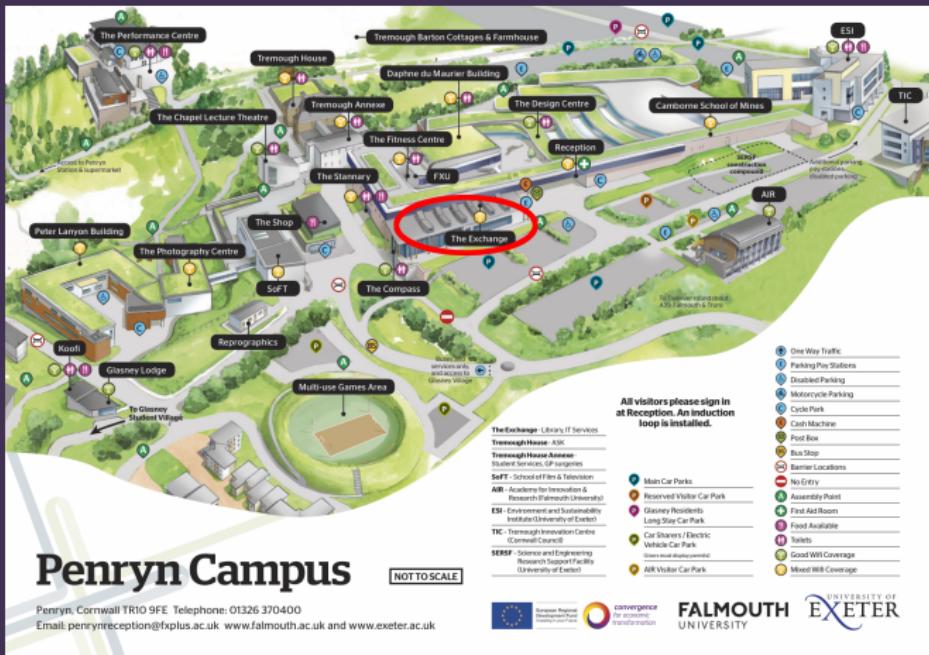
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The **way** in which sources are **used** is therefore important

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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Introducing LaTeX



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These slides were written in LaTeX

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

\begin{frame}{What is LaTeX?}
    \begin{itemize}
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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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Referencing



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- ▶ Tools like BibTeX make it easy to switch styles

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- ▶ Most written assignments at Falmouth are passed through TurnItIn — plagiarism **will** be detected!

IEEE referencing style

[https://ieeeauthorcenter.ieee.org/wp-content/
uploads/IEEE-Reference-Guide.pdf](https://ieeeauthorcenter.ieee.org/wp-content/uploads/IEEE-Reference-Guide.pdf)

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 3:30pm for a wrap-up