Home Demo ELDYN

WebTeX

This page is dynamically generated and served using WebTeX.

The WebTeX system employs a Just-In-Time (JIT) compilation process to dynamically generate PDF documents from LaTeX templates. Here's a description of the process:

- User Interaction: A user initiates the process by navigating to the TeXSite via their browser. This action serves as the entry point, triggering a request to the WebTeX server.
- Request Handling: The WebTeX server interprets it as a command to prepare a document.
- Dynamic Data Injection: The WebTeX server then communicates with ELDYN, providing it with the necessary dynamic data that will personalize the LaTeX document.
- Compilation: ELDYN passes the modified LaTeX template to the TeX compiler.
- Retrieval: The resulting PDF is returned to ELDYN, which in turn sends it back to the WebTeX server.
- Response: WebTeX server delivers the PDF document to the user's browser.
 The user can then view, download, or interact with the PDF as required.

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