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## WebTeX

## Powered by:

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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