



Improving the Author Experience with the IEEE LaTeX Analyzer Tool


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1

Why LaTeX?

$$P_{total} = E(\|\mathbf{x}\|^2) = \sum_{k=1}^K \frac{\|\mathbf{h}_{r,k}^H\|^2}{(N_b)^2} \mathbf{E}(\|s_k\|^2)$$

$$\approx \sum_{k=1}^K \frac{1}{N_b} \mathbf{E}(\|s_k\|^2),$$


2

Writing LaTeX is Not Easy


```

\begin{align*}
f(x) &= x^2 \backslash
g(x) &= \frac{1}{x} \backslash \backslash
F(x) &= \int^a_b \frac{1}{x^3} \backslash
\end{align*}

```

LaTeX Error: \begin{align*} on input line 24 ended by \end{align*}.

See the LaTeX manual or LaTeX Companion for explanation.
 Type H <return> for immediate help.
 ...
 1.28 \end{align*}



3

IEEE LaTeX Analyzer

<http://latexqc.ieee.org/>

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
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
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4

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5


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✔ Passed Validation

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6

✔ Your LaTeX article files are valid, but contain a warning.

✔ Passed Validation with a Warning

LaTeX Warning

File name	Line	Message
/usr/share/texlive/texmf-dist/tex/latex/caption/caption.sty		Package caption Warning: Unsupported document class (or package) detected, usage of the caption package is not recommended. See the caption package documentation for explanation.

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❌ Your LaTeX article files contain an error and warnings.

❌ Failed Validation with an Error and 10 Warnings

LaTeX Error

File name	Line	Message
.		This is BibTeX, version 8.990the top-level auxiliary file: bare_bml.aux I found no substyle command--while reading file bare_bml.aux I found no substyle command--while reading file bare_bml.aux (There were 2 error messages)

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