Inconsistencies from motivating study

Excluding inconsistencies in text spacing and line breaks

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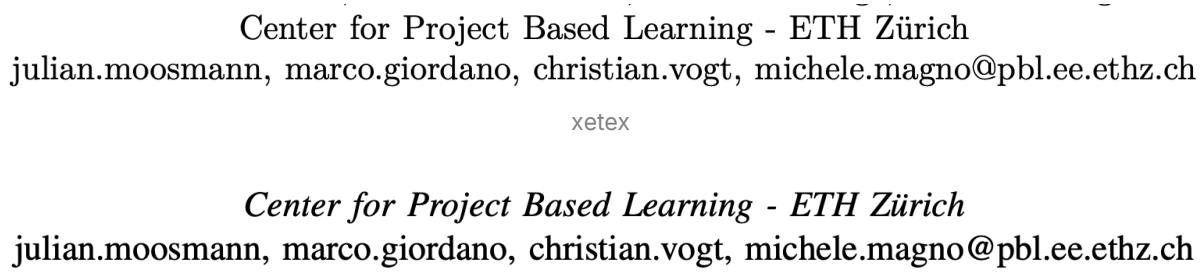
font styles



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font styles

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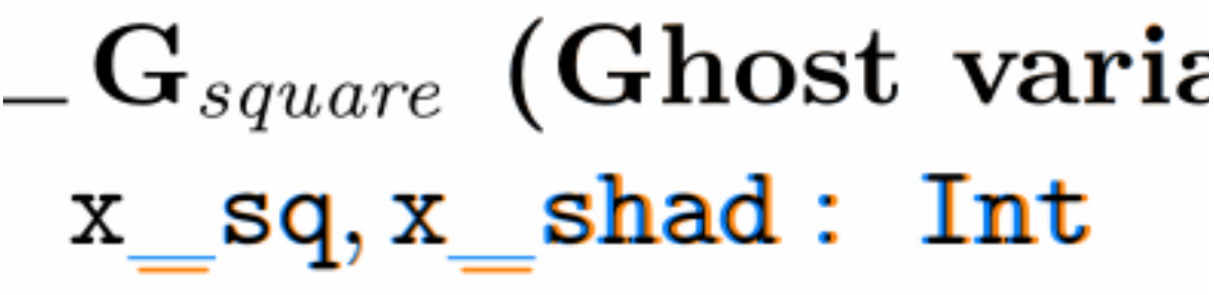
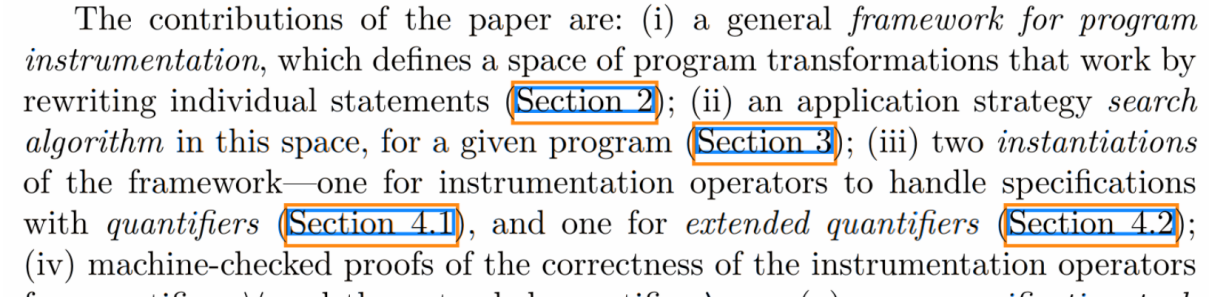


visible difference in the fonts (underscore)

other styles


The contributions of the paper are: (i) a general *framework for program instrumentation*, which defines a space of program transformations that work by rewriting individual statements (Section 2); (ii) an application strategy *search algorithm* in this space, for a given program (Section 3); (iii) two *instantiations* of the framework—one for instrumentation operators to handle specifications with *quantifiers* (Section 4.1), and one for *extended quantifiers* (Section 4.2); (iv) machine-checked proofs of the correctness of the instrumentation operators

size of hyperlink boxes

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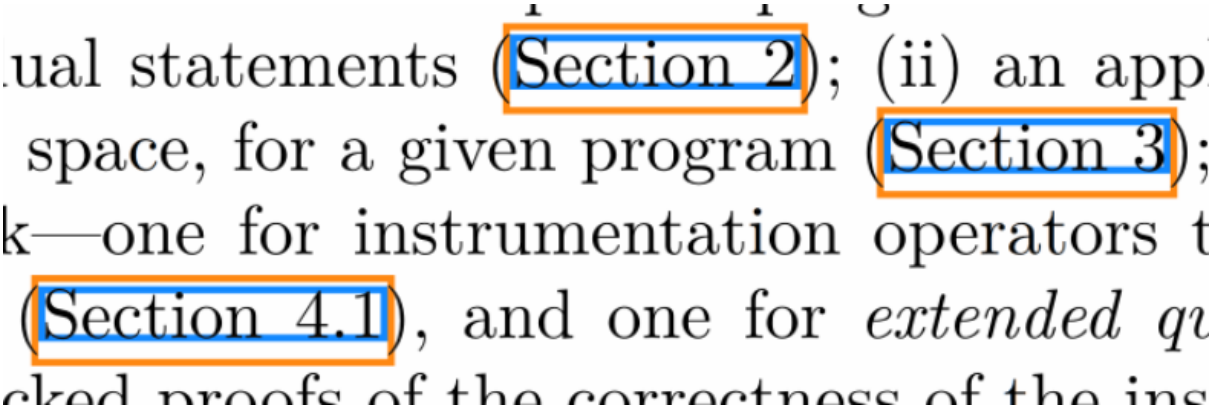
other styles



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text styles

difference in quotation marks

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SCT 12"
Meade ACF 16"

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PlaneWave CDK 17”
SCT 12”
Meade ACF 16”

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image placement

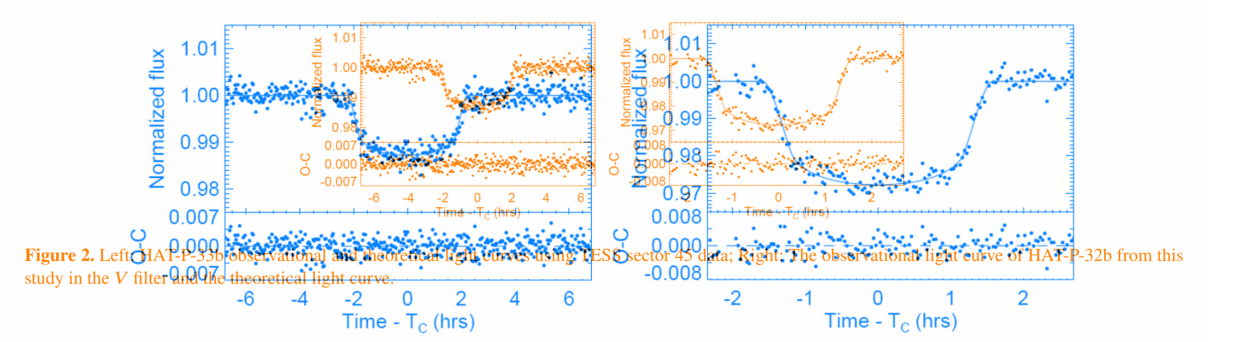

Figure 2. Left: HAT-P-33b observational and theoretical light curves using TESS sector 45 data. Right: The observational light curve of HAT-P-32b from this study in the *V* filter and the theoretical light curve.

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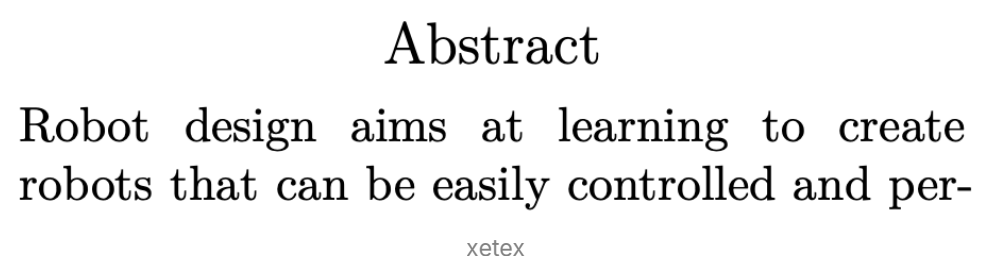
font styles



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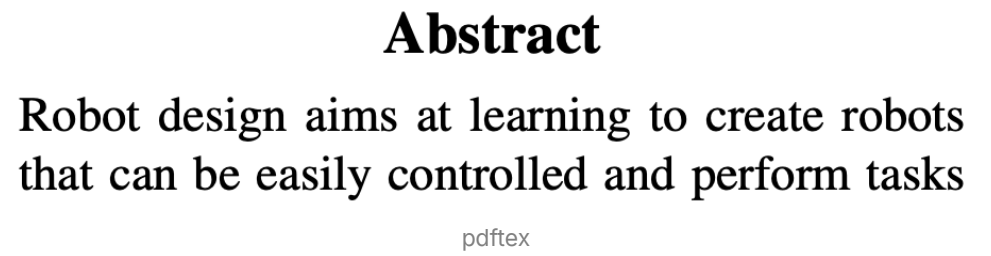

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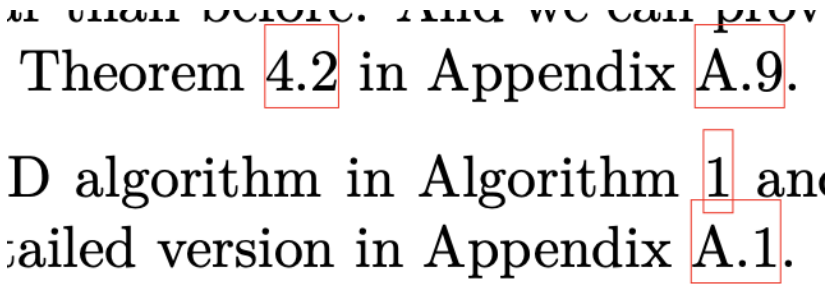
other styles

dimensions of hyperlink boxes



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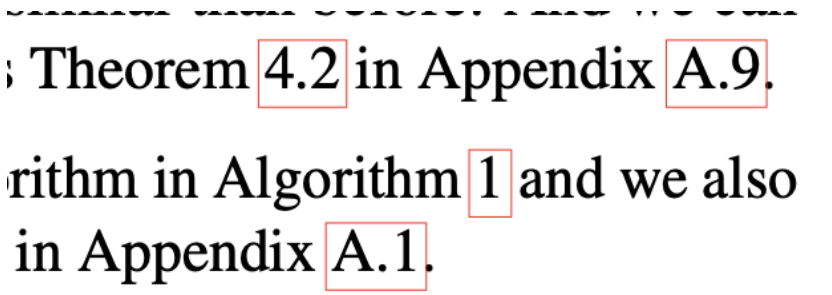

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image placement

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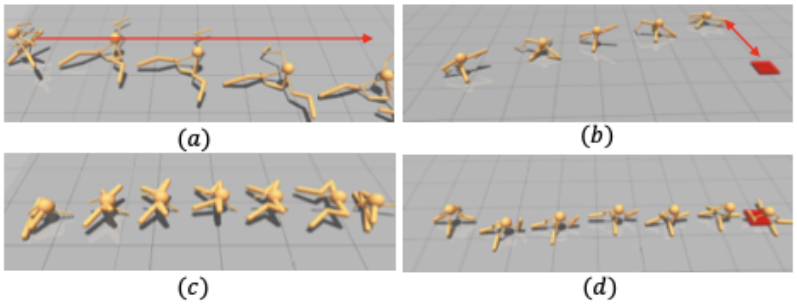

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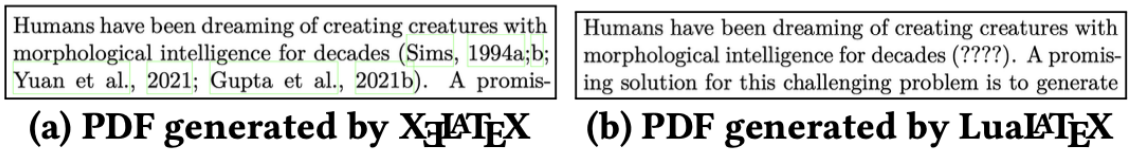
references



(a) PDF generated by XeLaTeX **(b) PDF generated by LuaLaTeX**

Figure 8: Differences in references: LuaLaTeX renders "????" instead of the correct citations (arXiv:2306.00036 [27])

image placement

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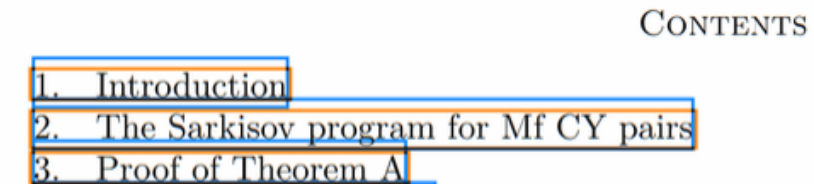
other styles



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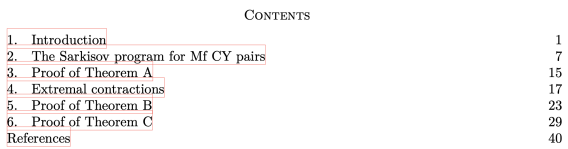

CONTENTS

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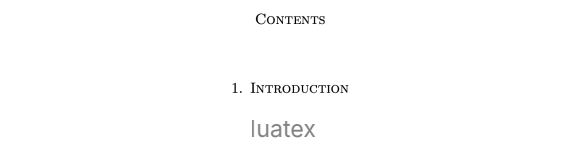

CONTENTS

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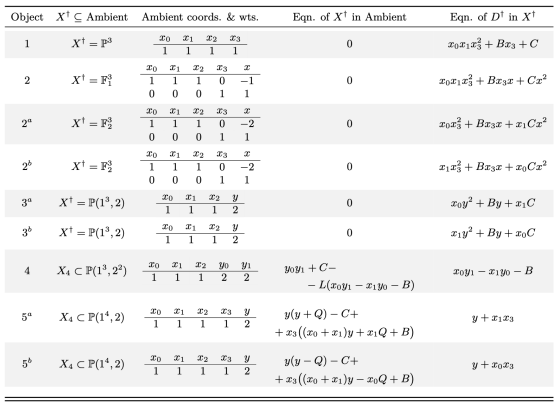
table header and footer:



Object	$X^\dagger \subseteq$ Ambient	Ambient coords. & wts.	Eqn. of $X^\dagger$ in Ambient	Eqn. of $D^\dagger$ in $X^\dagger$
1	$X^\dagger = \mathbb{P}^3$	$\begin{array}{cccc} x_0 & x_1 & x_2 & x_3 \\ 1 & 1 & 1 & 1 \end{array}$	0	$x_0x_1x_3^2 + Bx_3 + C$
2	$X^\dagger = \mathbb{F}_1^3$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & x \\ 1 & 1 & 1 & 0 & -1 \\ 0 & 0 & 0 & 1 & 1 \end{array}$	0	$x_0x_1x_3^2 + Bx_3x + Cx^2$
2^a	$X^\dagger = \mathbb{F}_2^3$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & x \\ 1 & 1 & 1 & 0 & -2 \\ 0 & 0 & 0 & 1 & 1 \end{array}$	0	$x_0x_3^2 + Bx_3x + x_1Cx^2$
2^b	$X^\dagger = \mathbb{F}_2^3$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & x \\ 1 & 1 & 1 & 0 & -2 \\ 0 & 0 & 0 & 1 & 1 \end{array}$	0	$x_1x_3^2 + Bx_3x + x_0Cx^2$
3^a	$X^\dagger = \mathbb{P}(1^3, 2)$	$\begin{array}{cccc} x_0 & x_1 & x_2 & y \\ 1 & 1 & 1 & 2 \end{array}$	0	$x_0y^2 + By + x_1C$
3^b	$X^\dagger = \mathbb{P}(1^3, 2)$	$\begin{array}{cccc} x_0 & x_1 & x_2 & y \\ 1 & 1 & 1 & 2 \end{array}$	0	$x_1y^2 + By + x_0C$
4	$X_4 \subset \mathbb{P}(1^3, 2^2)$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & y_0 & y_1 \\ 1 & 1 & 1 & 2 & 2 \end{array}$	$y_0y_1 + C - L(x_0y_1 - x_1y_0 - B)$	$x_0y_1 - x_1y_0 - B$
5^a	$X_4 \subset \mathbb{P}(1^4, 2)$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & y \\ 1 & 1 & 1 & 1 & 2 \end{array}$	$y(y+Q) - C + x_3((x_0+x_1)y + x_1Q + B)$	$y + x_1x_3$
5^b	$X_4 \subset \mathbb{P}(1^4, 2)$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & y \\ 1 & 1 & 1 & 1 & 2 \end{array}$	$y(y-Q) - C + x_3((x_0+x_1)y - x_0Q + B)$	$y + x_0x_3$

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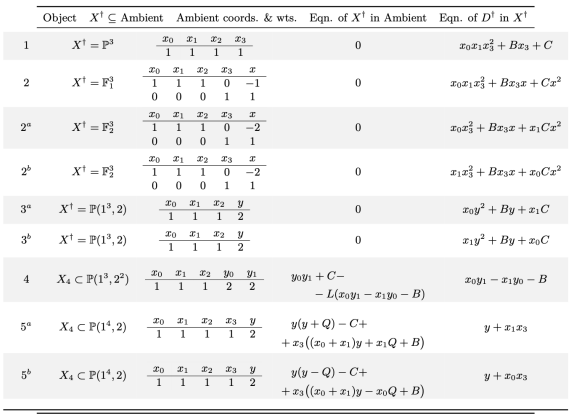

Object	$X^\dagger \subseteq$ Ambient	Ambient coords. & wts.	Eqn. of $X^\dagger$ in Ambient	Eqn. of $D^\dagger$ in $X^\dagger$
1	$X^\dagger = \mathbb{P}^3$	$\begin{array}{cccc} x_0 & x_1 & x_2 & x_3 \\ 1 & 1 & 1 & 1 \end{array}$	0	$x_0x_1x_3^2 + Bx_3 + C$
2	$X^\dagger = \mathbb{F}_1^3$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & x \\ 1 & 1 & 1 & 0 & -1 \\ 0 & 0 & 0 & 1 & 1 \end{array}$	0	$x_0x_1x_3^2 + Bx_3x + Cx^2$
2^a	$X^\dagger = \mathbb{F}_2^3$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & x \\ 1 & 1 & 1 & 0 & -2 \\ 0 & 0 & 0 & 1 & 1 \end{array}$	0	$x_0x_3^2 + Bx_3x + x_1Cx^2$
2^b	$X^\dagger = \mathbb{F}_2^3$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & x \\ 1 & 1 & 1 & 0 & -2 \\ 0 & 0 & 0 & 1 & 1 \end{array}$	0	$x_1x_3^2 + Bx_3x + x_0Cx^2$
3^a	$X^\dagger = \mathbb{P}(1^3, 2)$	$\begin{array}{cccc} x_0 & x_1 & x_2 & y \\ 1 & 1 & 1 & 2 \end{array}$	0	$x_0y^2 + By + x_1C$
3^b	$X^\dagger = \mathbb{P}(1^3, 2)$	$\begin{array}{cccc} x_0 & x_1 & x_2 & y \\ 1 & 1 & 1 & 2 \end{array}$	0	$x_1y^2 + By + x_0C$
4	$X_4 \subset \mathbb{P}(1^3, 2^2)$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & y_0 & y_1 \\ 1 & 1 & 1 & 2 & 2 \end{array}$	$y_0y_1 + C - L(x_0y_1 - x_1y_0 - B)$	$x_0y_1 - x_1y_0 - B$
5^a	$X_4 \subset \mathbb{P}(1^4, 2)$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & y \\ 1 & 1 & 1 & 1 & 2 \end{array}$	$y(y+Q) - C + x_3((x_0+x_1)y + x_1Q + B)$	$y + x_1x_3$
5^b	$X_4 \subset \mathbb{P}(1^4, 2)$	$\begin{array}{ccccc} x_0 & x_1 & x_2 & x_3 & y \\ 1 & 1 & 1 & 1 & 2 \end{array}$	$y(y-Q) - C + x_3((x_0+x_1)y - x_0Q + B)$	$y + x_0x_3$

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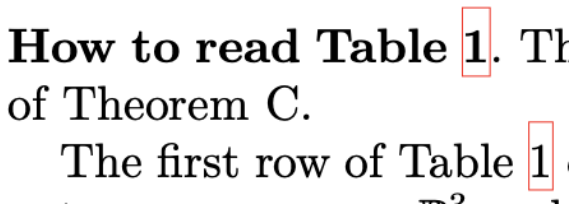
references



How to read Table 1. Th
of Theorem C.
The first row of Table 1

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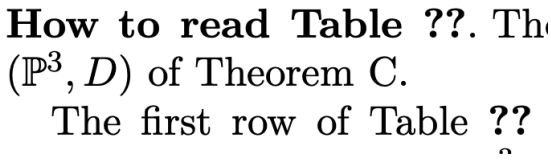

How to read Table ??. Th
$(\mathbb{P}^3, D)$ of Theorem C.
The first row of Table ??

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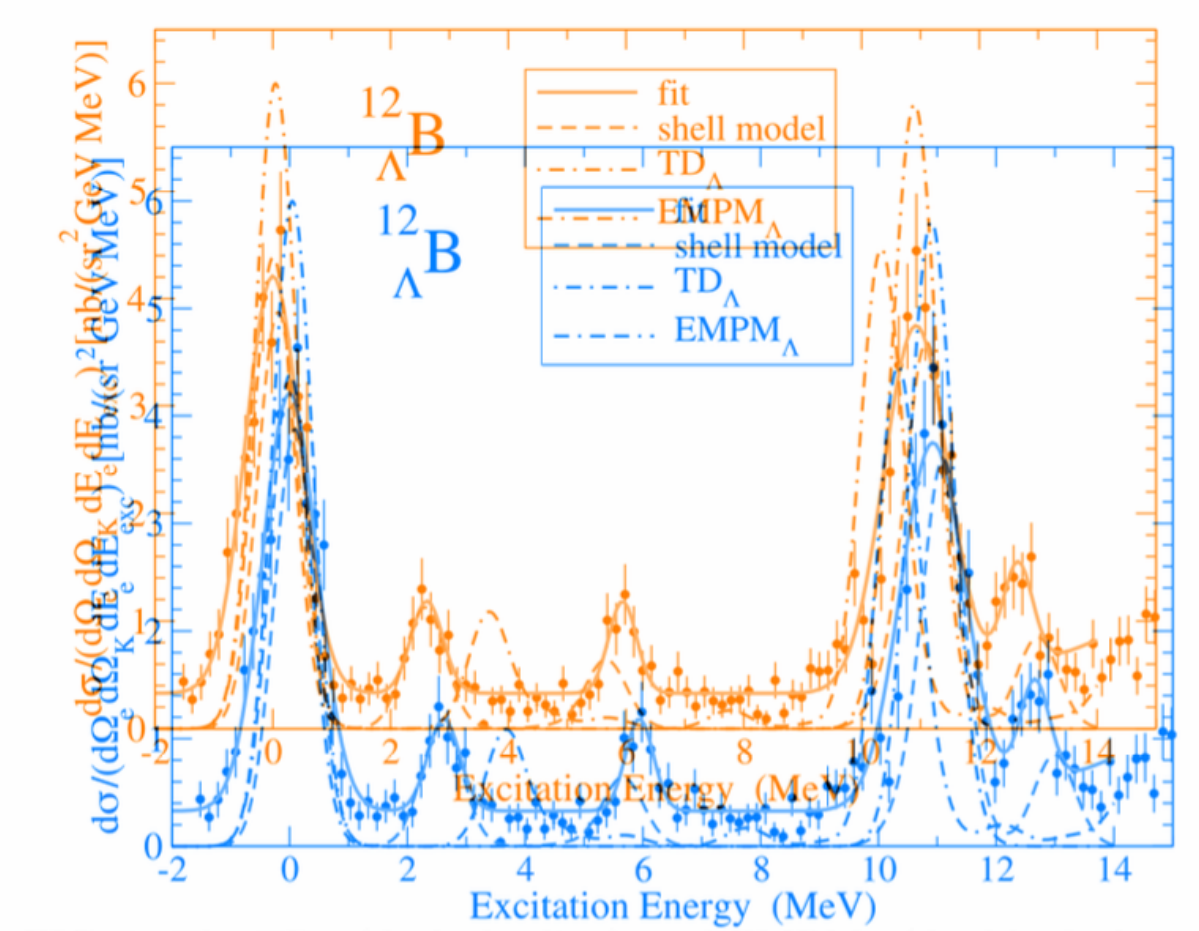

FIG. 1: The TD$_\Lambda$ (dash-dot line), and EMPM$_\Lambda$ (double-dash-

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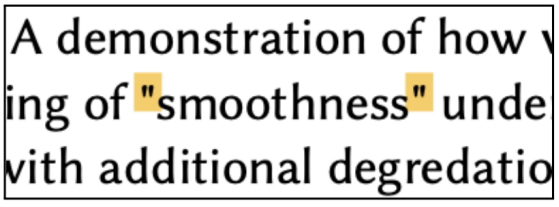

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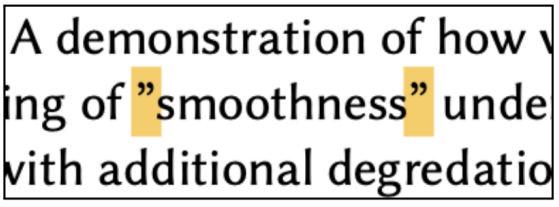

(b) PDF generated by XeLaTeX