

## SERVICES

### TYPESETTING

le-tex specializes in typesetting scientific books and journals.

#### Typesetting systems

le-tex uses three different typesetting systems: TeX, InDesign and Word.

The selection criteria for a particular typesetting system, apart from criteria dictated by customer requirements or special features specific to the project, are shown in the following table:

	TeX/XML	InDesign	Word
<b>Math content (large number of formulae, multi-line equation alignment, neat layout required)</b>	++	-	o
<b>Color (CMYK, spot colors, color separation...)</b>	+	++	o
<b>XML (typesetting from XML or conversion to XML)</b>	++	++	++
<b>Large page count</b>	++	+	o
<b>Complex or page-specific layout</b>	o	++	o
<b>Floating objects (positioning of illustrations, tables etc.), multiple columns</b>	+	++	o
<b>Table typesetting</b>	+	+	+
<b>Indexes/lists (table of contents, subject index, bibliography...)</b>	++	+	+
<b>Refining of page makeup created by the author</b>	o	o	+
<b>Availability of copy editors for source data</b>	o	-	+
<b>Return of processable data to authors (e.g. for the second edition)</b>	o	-	+

Legend:  
 ++: very well suited    +: well suited    o: limited suitability    -: generally poorly suited

#### Input data

le-tex can process almost all types of document:

- Printed previous edition (no electronic data available),
- PostScript/PDF,
- TeX (Plain TeX, LaTeX, all macro packages, author macros),
- XML (any document types, including OpenDocument format and Microsoft Office Open XML),
- Microsoft Word,
- Open Document and
- Typesetting systems such as Pagemaker, QuarkXPress, 3B2, Ventura and FrameMaker – for these, le-tex works partially in conjunction with partners

#### Processing steps

- If necessary, upstream production editing services e.g. image dimensioning or author consulting,
- If necessary, data conversion or digitization,
- If required, copy editing,
- If necessary, layout creation and macro development,
- If necessary, sample chapter,
- Normalization (standardizing of the markup – document hierarchy, structuring of references, if necessary semantic markup of chemical and mathematical/scientific formulae etc.)
- Page makeup,
- In-house proofreading,
- Proof dispatch (to author, editor and/or publisher), if required fully electronically via the le-tex eProofing Service and
- If necessary, incorporation of corrections (with subsequent check).

#### Turnaround times

The times are agreed with the customer depending on priority, scope, manuscript quality and layout. They range between a few days and several months.

One of the particular strengths of le-tex is the company's ability to respond quickly to changes in customer priorities and meet agreed deadlines.

#### Quality assurance

- Procedures and interfaces are documented in centrally stored process descriptions and working instructions.
- Every work typeset at le-tex is proofread, in some cases word for word, depending on customer requirements and technical manuscript quality.
- Multi-stage quality control in the respective typesetting systems: A project manager checks the output of the typesetters; the departmental manager for the relevant typesetting system supports and supervises the project managers.
- Problem evaluation (case-dependent and statistical).

#### Contact

For book typesetting: Thomas Schmidt  
 Tel: +49 341 355356 120  
 Fax: +49 341 355356 520

For journal typesetting: Svea Jelonek  
 Tel: +49 341 355356 122  
 Fax: +49 341 355356 522

#### "Springer Handbook of Robotics" presented with two PROSE awards

Washington, DC, 5 February 2009. During the Annual Conference of the Professional and Scholarly Publishing Division of the Association of American Publishers, the winners of the 2008 American Publishers Awards for Professional and Scholarly Excellence (The PROSE Awards) were announced.

The PROSE Award for Excellence in Physical Sciences & Mathematics was given to the Springer Handbook of Robotics, a book produced by le-tex. The Handbook was also the winner in the subcategory Engineering & Technology.

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**Kuhlmann: Strömungsmechanik (Fluid Mechanics)**  
 Pearson Studium  
 TeX  
 More... (Customer website)



**Emmer: Mathematics and Culture V**  
 Springer-Verlag  
 Word  
 More... (Customer website)



**Ragavan: Double Fertilization**  
 Springer-Verlag  
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