

# List of Files

Here is the list of all files used during the run of L<sup>A</sup>T<sub>E</sub>X which produced this document. <sup>1</sup>

file name	page	release date	version	description
problemStyling.tex	0	—		
ximera.cls	0	2020/01/15	v2.00	Simultaneously write print and online interactive materials
article.cls	0	2018/09/03	v1.4i	Standard LaTeX document class
size10.clo	0	2018/09/03	v1.4i	Standard LaTeX file (size option)
cancel.sty	0	2013/04/12	v2.2	Cancel math terms
everyhook.sty	0	2014/11/26	v1.2	(SVN Rev: 12)“ Hooks for low level TeX everyX primitives.
svn-prov.sty	0	2010/04/24	v3.1862	Package Date/Version from SVN Keywords
etoolbox.sty	0	2018/08/19	v2.5f	e-TeX tools for LaTeX (JAW)
enumitem.sty	0	2019/06/20	v3.9	Customized lists
titlesec.sty	0	2016/03/21	v2.10.2	Sectioning titles
titletoc.sty	0	2011/12/15	v1.6	TOC entries
titling.sty	0	2009/09/04	v2.1d	maketitle typesetting
url.sty	0	2013/09/16		ver 3.4 Verb mode for urls, etc.
xcolor.sty	0	2016/05/11	v2.12	LaTeX color extensions (UK)
color.cfg	0	2016/01/02	v1.6	sample color configuration
pdftex.def	0	2018/01/08	v1.0l	Graphics/color driver for pdftex
colortbl.sty	0	2018/12/12	v1.0d	Color table columns (DPC)
array.sty	0	2018/12/30	v2.4k	Tabular extension package (FMi)
fancyvrb.sty	0	2019/01/15		
keyval.sty	0	2014/10/28	v1.15	key=value parser (DPC)
ifpdf.sty	0	2018/09/07	v3.3	Provides the ifpdf switch
tikz.sty	0	2019/05/09	v3.1.3	(3.1.3)
pgf.sty	0	2019/05/09	v3.1.3	(3.1.3)
pgfrcs.sty	0	2019/05/09	v3.1.3	(3.1.3)
everyshi.sty	0	2001/05/15	v3.00	EveryShipout Package (MS)
pgfrcs.code.tex	0	—		

<sup>1</sup>More precisely, it is the list of files used one L<sup>A</sup>T<sub>E</sub>X-run before the one which produced this document, but after some runs the list should stabilize.

<b>file name</b>	<b>page</b>	<b>release date</b>	<b>version</b>	<b>description</b>
pgfcore.sty	0	2019/05/09	v3.1.3	(3.1.3)
graphicx.sty	0	2017/06/01	v1.1a	Enhanced LaTeX Graphics (DPC,SPQR)
graphics.sty	0	2017/06/25	v1.2c	Standard LaTeX Graphics (DPC,SPQR)
trig.sty	0	2016/01/03	v1.10	sin cos tan (DPC)
graphics.cfg	0	2016/06/04	v1.11	sample graphics configuration
pgfsys.sty	0	2019/05/09	v3.1.3	(3.1.3)
pgfsys.code.tex	0	—		
pgfsyssoftpath.code.tex	0	2019/05/09	v3.1.3	(3.1.3)
pgfsysprotocol.code.tex	0	2019/05/09	v3.1.3	(3.1.3)
pgfcore.code.tex	0	—		
pgfcomp-version-0-65.sty	0	2019/05/09	v3.1.3	(3.1.3)
pgfcomp-version-1-18.sty	0	2019/05/09	v3.1.3	(3.1.3)
pgffor.sty	0	2019/05/09	v3.1.3	(3.1.3)
pgfkeys.sty	0			
pgfkeys.code.tex	0	—		
pgfmath.sty	0			
pgfmath.code.tex	0	—		
pgffor.code.tex	0	—		
tikz.code.tex	0	—		
pgfplots.sty	0	2018/03/28	v1.16	Data Visualization (1.16)
forloop.sty	0	2006/09/18	v3.0	For Loops for LaTeX
ifthen.sty	0	2014/09/29	v1.1c	Standard LaTeX ifthen package (DPC)
environ.sty	0	2014/05/04	v0.3	A new way to define environments
trimspaces.sty	0	2009/09/17	v1.1	Trim spaces around a token list
amssymb.sty	0	2013/01/14	v3.01	AMS font symbols
amsfonts.sty	0	2013/01/14	v3.01	Basic AMSFonts support
amsmath.sty	0	2018/12/01	v2.17b	AMS math features
amstext.sty	0	2000/06/29	v2.01	AMS text
amsgen.sty	0	1999/11/30	v2.0	generic functions
amsbsy.sty	0	1999/11/29	v1.2d	Bold Symbols
amsopn.sty	0	2016/03/08	v2.02	operator names
amsthm.sty	0	2017/10/31	v2.20.4	
xifthen.sty	0	2015/11/05	v1.4.0	Extended ifthen features
calc.sty	0	2017/05/25	v4.3	Infix arithmetic (KKT,FJ)
ifintarg.sty	0	2018/04/16	v1.2b	check for an empty argument
multido.sty	0	2004/05/17	package	wrapper for PSTricks 'multido.tex', (HV/RN)
multido.tex	0	2010/05/14	v1.42	'multido' (tvz,hv)

<b>file name</b>	<b>page</b>	<b>release date</b>	<b>version</b>	<b>description</b>
listings.sty	0	2019/02/27	1.8b	(Carsten Heinz)
lstmisc.sty	0	2019/02/27	1.8b	(Carsten Heinz)
listings.cfg	0	2019/02/27	1.8b	listings configuration
xkeyval.sty	0	2014/12/03	v2.7a	package option processing (HA)
xkeyval.tex	0	2014/12/03	v2.7a	key=value parser (HA)
comment.sty	0			
getttitlestring.sty	0	2016/05/16	v1.5	Cleanup title references (HO)
kvoptions.sty	0	2016/05/16	v3.12	Key value format for package options (HO)
ltxcmds.sty	0	2016/05/16	v1.23	LaTeX kernel commands for general use (HO)
kvsetkeys.sty	0	2016/05/16	v1.17	Key value parser (HO)
infwarerr.sty	0	2016/05/16	v1.4	Providing info/warning/error messages (HO)
etexcmds.sty	0	2016/05/16	v1.6	Avoid name clashes with e-TeX commands (HO)
ifluatex.sty	0	2016/05/16	v1.4	Provides the ifluatex switch (HO)
nameref.sty	0	2016/05/21	v2.44	Cross-referencing by name of section
refcount.sty	0	2016/05/16	v3.5	Data extraction from label references (HO)
epstopdf.sty	0	2016/05/15	v2.6	Conversion with epstopdf on the fly (HO)
epstopdf-base.sty	0	2016/05/15	v2.6	Base part for package epstopdf
grfext.sty	0	2016/05/16	v1.2	Manage graphics extensions (HO)
kvdefinekeys.sty	0	2016/05/16	v1.4	Define keys (HO)
pdftexcmds.sty	0	2018/09/10	v0.29	Utility functions of pdfTeX for LuaTeX (HO)
epstopdf-sys.cfg	0	2010/07/13	v1.3	Configuration of (r)epstopdf for TeX Live
hyperref.sty	0	2018/11/30	v6.88e	Hypertext links for LaTeX
hobsub-hyperref.sty	0	2016/05/16	v1.14	Bundle oberdiek, subset hyperref (HO)
hobsub-generic.sty	0	2016/05/16	v1.14	Bundle oberdiek, subset generic (HO)
hobsub.sty	0	2016/05/16	v1.14	Construct package bundles (HO)
ifvtex.sty	0	2016/05/16	v1.6	Detect VTeX and its facilities (HO)

<b>file name</b>	<b>page</b>	<b>release date</b>	<b>version</b>	<b>description</b>
intcalc.sty	0	2016/05/16	v1.2	Expandable calculations with integers (HO)
pdfescape.sty	0	2016/05/16	v1.14	Implements pdfTeX's escape features (HO)
bigintcalc.sty	0	2016/05/16	v1.4	Expandable calculations on big integers (HO)
bitset.sty	0	2016/05/16	v1.2	Handle bit-vector datatype (HO)
uniquecounter.sty	0	2016/05/16	v1.3	Provide unlimited unique counter (HO)
letltxmacro.sty	0	2016/05/16	v1.5	Let assignment for LaTeX macros (HO)
hopatch.sty	0	2016/05/16	v1.3	Wrapper for package hooks (HO)
xcolor-patch.sty	0	2016/05/16	xcolor	patch
atveryend.sty	0	2016/05/16	v1.9	Hooks at the very end of document (HO)
atbegshi.sty	0	2016/06/09	v1.18	At begin shipout hook (HO)
hycolor.sty	0	2016/05/16	v1.8	Color options for hyperref/bookmark (HO)
ifxetex.sty	0	2010/09/12	v0.6	Provides ifxetex conditional
auxhook.sty	0	2016/05/16	v1.4	Hooks for auxiliary files (HO)
pd1enc.def	0	2018/11/30	v6.88e	Hyperref: PDFDocEncoding definition (HO)
hyperref.cfg	0	2002/06/06	v1.2	hyperref configuration of TeXLive
hpdftex.def	0	2018/11/30	v6.88e	Hyperref driver for pdfTeX
rerunfilecheck.sty	0	2016/05/16	v1.8	Rerun checks for auxiliary files (HO)
geometry.sty	0	2018/04/16	v5.8	Page Geometry
ttlps.def	0	2016/03/15		
sagetex.sty	0	2015/08/26	v3.0-92d9f7a	embedding Sage into LaTeX documents
verbatim.sty	0	2014/10/28	v1.5q	LaTeX2e package for verbatim enhancements
makecmds.sty	0	2009/09/03	v1.0a	extra command making commands
dateiliste.sty	0	2012/10/13	v0.6	Ausgabe der Dateiliste (PE)
rcsinfo.sty	0	2005/02/20	v1.10	
rcsinfo.cfg	0	—		

file name	page	release date	version	description
ltxtable.sty	0	1995/12/11	v0.2	longtable/tabularx merge (DPC)
tabularx.sty	0	2016/02/03	v2.11b	'tabularx' package (DPC)
longtable.sty	0	2014/10/28	v4.11	Multi-page Table package (DPC)+ FMi change
expl3.sty	0	2019-07-01	L3	programming layer (loader)
expl3-code.tex	0	2019-07-01	L3	programming layer
l3backend-pdfmode.def	0	2019-04-06	v	L3 Experimental backend support: PDF mode
supp-pdf.mkii	0	—		
problemStyling.out	0	—		
problemStyling.out	0	—		
umsa.fd	1	2013/01/14	v3.01	AMS symbols A
umsb.fd	1	2013/01/14	v3.01	AMS symbols B
problemStyling.filelist	5	2020/01/28	—	automatically generated filelist

This is a file to do problem environment styling.

**Problem 1** *This is a sample problem.*

$$2 \cdot 3 = \boxed{6}$$

**Problem 1.1** *This is a sub-problem.  $3 \times 4 = \boxed{12}$*

**Problem 1.1.1** *This is a sub-sub problem!*

$$1 \times 2 \times 5 = \boxed{10}$$

**Feedback(attempt):** *This is some provided feedback.*

**Problem 1.2** *This is a subproblem.*

**Multiple Choice:**

(a)  $3 \times 4 = \boxed{12}$  ✓

(b)  $15 + 1 = \boxed{16}$ .

**Problem 1.3** *This is a subproblem.  $3 \times 4 = \boxed{12}$*

**Select All Correct Answers:**

(a)  $3 \times 4 = \boxed{12}$  ✓

(b)  $15 + 1 = \boxed{16}$ .

**Problem 1.4** This is a subproblem.  $3 \times 4 =$

**Hint:** This is a helpful hint!

**Free Response:** Some stuff here?

**Problem 1.5** This is a subproblem.  $3 \times 4 =$

**Solution:** Here is a solution!

**Problem 1.6** This is a subproblem.  $3 \times 4 =$

**Problem 1.7** This is a subproblem.  $3 \times 4 =$

**Problem 1.8** This is a subproblem.  $3 \times 4 =$

**Problem 1.9** This is a subproblem.  $3 \times 4 =$

**Problem 1.10** This is a subproblem.  $3 \times 4 =$

**Problem 1.11** This is a subproblem.  $3 \times 4 =$

**Problem 1.12** This is a subproblem.  $3 \times 4 =$