

This is pdfTeXk, Version 3.141592-1.40.3 (Web2C 7.5.6) (format=pdflatex 2009.2.16) 25 MAR 2009 19:36

entering extended mode

%&-line parsing enabled.

****g7-diffractometrie-ultrasonore.tex**

(./g7-diffractometrie-ultrasonore.tex

LaTeX2e <2005/12/01>

Babel <v3.8h> and hyphenation patterns for english, usenglishmax, dumylang, nohyphenation, basque, french, ibycus, greek, monogreek, ancientgreek, latin, load ed.

(/usr/share/texmf-texlive/tex/latex/base/article.cls

Document Class: article 2005/09/16 v1.4f Standard LaTeX document class

(/usr/share/texmf-texlive/tex/latex/base/size10.clo

File: size10.clo 2005/09/16 v1.4f Standard LaTeX file (size option)

)

\c@part=\count79

\c@section=\count80

\c@subsection=\count81

\c@subsubsection=\count82

\c@paragraph=\count83

\c@subparagraph=\count84

\c@figure=\count85

\c@table=\count86

\abovecaptionskip=\skip41

\belowcaptionskip=\skip42

\bibindent=\dimen102

)

(/usr/share/texmf-texlive/tex/latex/base/inputenc.sty

Package: inputenc 2006/05/05 v1.1b Input encoding file

\inpenc@prehook=\toks14

\inpenc@posthook=\toks15

(/usr/share/texmf-texlive/tex/latex/base/utf8.def

File: utf8.def 2006/03/30 v1.1i UTF-8 support for inputenc

Now handling font encoding OML ...

... no UTF-8 mapping file for font encoding OML

Now handling font encoding T1 ...

... processing UTF-8 mapping file for font encoding T1

(/usr/share/texmf-texlive/tex/latex/base/t1enc.dfu

File: t1enc.dfu 2006/03/30 v1.1i UTF-8 support for inputenc

defining Unicode char U+00A1 (decimal 161)

defining Unicode char U+00A3 (decimal 163)

defining Unicode char U+00AB (decimal 171)
defining Unicode char U+00BB (decimal 187)
defining Unicode char U+00BF (decimal 191)
defining Unicode char U+00C0 (decimal 192)
defining Unicode char U+00C1 (decimal 193)
defining Unicode char U+00C2 (decimal 194)
defining Unicode char U+00C3 (decimal 195)
defining Unicode char U+00C4 (decimal 196)
defining Unicode char U+00C5 (decimal 197)
defining Unicode char U+00C6 (decimal 198)
defining Unicode char U+00C7 (decimal 199)
defining Unicode char U+00C8 (decimal 200)
defining Unicode char U+00C9 (decimal 201)
defining Unicode char U+00CA (decimal 202)
defining Unicode char U+00CB (decimal 203)
defining Unicode char U+00CC (decimal 204)
defining Unicode char U+00CD (decimal 205)
defining Unicode char U+00CE (decimal 206)
defining Unicode char U+00CF (decimal 207)
defining Unicode char U+00D0 (decimal 208)
defining Unicode char U+00D1 (decimal 209)
defining Unicode char U+00D2 (decimal 210)
defining Unicode char U+00D3 (decimal 211)
defining Unicode char U+00D4 (decimal 212)
defining Unicode char U+00D5 (decimal 213)
defining Unicode char U+00D6 (decimal 214)
defining Unicode char U+00D8 (decimal 216)
defining Unicode char U+00D9 (decimal 217)
defining Unicode char U+00DA (decimal 218)
defining Unicode char U+00DB (decimal 219)
defining Unicode char U+00DC (decimal 220)
defining Unicode char U+00DD (decimal 221)
defining Unicode char U+00DE (decimal 222)
defining Unicode char U+00DF (decimal 223)
defining Unicode char U+00E0 (decimal 224)
defining Unicode char U+00E1 (decimal 225)
defining Unicode char U+00E2 (decimal 226)
defining Unicode char U+00E3 (decimal 227)
defining Unicode char U+00E4 (decimal 228)
defining Unicode char U+00E5 (decimal 229)
defining Unicode char U+00E6 (decimal 230)
defining Unicode char U+00E7 (decimal 231)
defining Unicode char U+00E8 (decimal 232)

defining Unicode char U+00E9 (decimal 233)
defining Unicode char U+00EA (decimal 234)
defining Unicode char U+00EB (decimal 235)
defining Unicode char U+00EC (decimal 236)
defining Unicode char U+00ED (decimal 237)
defining Unicode char U+00EE (decimal 238)
defining Unicode char U+00EF (decimal 239)
defining Unicode char U+00F0 (decimal 240)
defining Unicode char U+00F1 (decimal 241)
defining Unicode char U+00F2 (decimal 242)
defining Unicode char U+00F3 (decimal 243)
defining Unicode char U+00F4 (decimal 244)
defining Unicode char U+00F5 (decimal 245)
defining Unicode char U+00F6 (decimal 246)
defining Unicode char U+00F8 (decimal 248)
defining Unicode char U+00F9 (decimal 249)
defining Unicode char U+00FA (decimal 250)
defining Unicode char U+00FB (decimal 251)
defining Unicode char U+00FC (decimal 252)
defining Unicode char U+00FD (decimal 253)
defining Unicode char U+00FE (decimal 254)
defining Unicode char U+00FF (decimal 255)
defining Unicode char U+0102 (decimal 258)
defining Unicode char U+0103 (decimal 259)
defining Unicode char U+0104 (decimal 260)
defining Unicode char U+0105 (decimal 261)
defining Unicode char U+0106 (decimal 262)
defining Unicode char U+0107 (decimal 263)
defining Unicode char U+010C (decimal 268)
defining Unicode char U+010D (decimal 269)
defining Unicode char U+010E (decimal 270)
defining Unicode char U+010F (decimal 271)
defining Unicode char U+0110 (decimal 272)
defining Unicode char U+0111 (decimal 273)
defining Unicode char U+0118 (decimal 280)
defining Unicode char U+0119 (decimal 281)
defining Unicode char U+011A (decimal 282)
defining Unicode char U+011B (decimal 283)
defining Unicode char U+011E (decimal 286)
defining Unicode char U+011F (decimal 287)
defining Unicode char U+0130 (decimal 304)
defining Unicode char U+0131 (decimal 305)
defining Unicode char U+0132 (decimal 306)

defining Unicode char U+0133 (decimal 307)
defining Unicode char U+0139 (decimal 313)
defining Unicode char U+013A (decimal 314)
defining Unicode char U+013D (decimal 317)
defining Unicode char U+013E (decimal 318)
defining Unicode char U+0141 (decimal 321)
defining Unicode char U+0142 (decimal 322)
defining Unicode char U+0143 (decimal 323)
defining Unicode char U+0144 (decimal 324)
defining Unicode char U+0147 (decimal 327)
defining Unicode char U+0148 (decimal 328)
defining Unicode char U+014A (decimal 330)
defining Unicode char U+014B (decimal 331)
defining Unicode char U+0150 (decimal 336)
defining Unicode char U+0151 (decimal 337)
defining Unicode char U+0152 (decimal 338)
defining Unicode char U+0153 (decimal 339)
defining Unicode char U+0154 (decimal 340)
defining Unicode char U+0155 (decimal 341)
defining Unicode char U+0158 (decimal 344)
defining Unicode char U+0159 (decimal 345)
defining Unicode char U+015A (decimal 346)
defining Unicode char U+015B (decimal 347)
defining Unicode char U+015E (decimal 350)
defining Unicode char U+015F (decimal 351)
defining Unicode char U+0160 (decimal 352)
defining Unicode char U+0161 (decimal 353)
defining Unicode char U+0162 (decimal 354)
defining Unicode char U+0163 (decimal 355)
defining Unicode char U+0164 (decimal 356)
defining Unicode char U+0165 (decimal 357)
defining Unicode char U+016E (decimal 366)
defining Unicode char U+016F (decimal 367)
defining Unicode char U+0170 (decimal 368)
defining Unicode char U+0171 (decimal 369)
defining Unicode char U+0178 (decimal 376)
defining Unicode char U+0179 (decimal 377)
defining Unicode char U+017A (decimal 378)
defining Unicode char U+017B (decimal 379)
defining Unicode char U+017C (decimal 380)
defining Unicode char U+017D (decimal 381)
defining Unicode char U+017E (decimal 382)
defining Unicode char U+200C (decimal 8204)

defining Unicode char U+2013 (decimal 8211)
defining Unicode char U+2014 (decimal 8212)
defining Unicode char U+2018 (decimal 8216)
defining Unicode char U+2019 (decimal 8217)
defining Unicode char U+201A (decimal 8218)
defining Unicode char U+201C (decimal 8220)
defining Unicode char U+201D (decimal 8221)
defining Unicode char U+201E (decimal 8222)
defining Unicode char U+2030 (decimal 8240)
defining Unicode char U+2031 (decimal 8241)
defining Unicode char U+2039 (decimal 8249)
defining Unicode char U+203A (decimal 8250)
defining Unicode char U+2423 (decimal 9251)

)

Now handling font encoding OT1 ...

... processing UTF-8 mapping file for font encoding OT1

(/usr/share/texmf-texlive/tex/latex/base/ot1enc.dfu

File: ot1enc.dfu 2006/03/30 v1.1i UTF-8 support for inputenc

defining Unicode char U+00A1 (decimal 161)
defining Unicode char U+00A3 (decimal 163)
defining Unicode char U+00B8 (decimal 184)
defining Unicode char U+00BF (decimal 191)
defining Unicode char U+00C5 (decimal 197)
defining Unicode char U+00C6 (decimal 198)
defining Unicode char U+00D8 (decimal 216)
defining Unicode char U+00DF (decimal 223)
defining Unicode char U+00E6 (decimal 230)
defining Unicode char U+00EC (decimal 236)
defining Unicode char U+00ED (decimal 237)
defining Unicode char U+00EE (decimal 238)
defining Unicode char U+00EF (decimal 239)
defining Unicode char U+00F8 (decimal 248)
defining Unicode char U+0131 (decimal 305)
defining Unicode char U+0141 (decimal 321)
defining Unicode char U+0142 (decimal 322)
defining Unicode char U+0152 (decimal 338)
defining Unicode char U+0153 (decimal 339)
defining Unicode char U+2013 (decimal 8211)
defining Unicode char U+2014 (decimal 8212)
defining Unicode char U+2018 (decimal 8216)
defining Unicode char U+2019 (decimal 8217)
defining Unicode char U+201C (decimal 8220)

defining Unicode char U+201D (decimal 8221)
)
Now handling font encoding OMS ...
... processing UTF-8 mapping file for font encodingOMS

(/usr/share/texmf-texlive/tex/latex/base/omsenc.dfu
File: omsenc.dfu 2006/03/30 v1.1i UTF-8 support for inputenc
defining Unicode char U+00A7 (decimal 167)
defining Unicode char U+00B6 (decimal 182)
defining Unicode char U+00B7 (decimal 183)
defining Unicode char U+2020 (decimal 8224)
defining Unicode char U+2021 (decimal 8225)
defining Unicode char U+2022 (decimal 8226)
)

Now handling font encoding OMX ...
... no UTF-8 mapping file for font encoding OMX
Now handling font encoding U ...
... no UTF-8 mapping file for font encoding U

defining Unicode char U+00A9 (decimal 169)
defining Unicode char U+00AA (decimal 170)
defining Unicode char U+00AE (decimal 174)
defining Unicode char U+00BA (decimal 186)
defining Unicode char U+02C6 (decimal 710)
defining Unicode char U+02DC (decimal 732)
defining Unicode char U+200C (decimal 8204)
defining Unicode char U+2026 (decimal 8230)
defining Unicode char U+2122 (decimal 8482)
defining Unicode char U+2423 (decimal 9251)
)

(/usr/share/texmf-texlive/tex/generic/babel/babel.sty
Package: babel 2005/11/23 v3.8h The Babel package

(/usr/share/texmf-texlive/tex/generic/babel/frenchb.ldf
Language: french 2005/02/06 v1.6g French support from the babel system

(/usr/share/texmf-texlive/tex/generic/babel/babel.def
File: babel.def 2005/11/23 v3.8h Babel common definitions
\babel@savecnt=\count87
\U@D=\dimen103
)

Package babel Info: Making : an active character on input line 219.
Package babel Info: Making ; an active character on input line 220.
Package babel Info: Making ! an active character on input line 221.

Package babel Info: Making ? an active character on input line 222.

\parindentFFN=\dimen104

\std@mcc=\count88

\dec@mcc=\count89

* Local config file frenchb.cfg used

*

(/usr/share/texmf-texlive/tex/generic/babel/frenchb.cfg)))

(/usr/share/texmf-texlive/tex/latex/amsfonts/amsfonts.sty

Package: amsfonts 2001/10/25 v2.2f

\@emptytoks=\toks16

\symAMSA=\mathgroup4

\symAMSb=\mathgroup5

LaTeX Font Info: Overwriting math alphabet '\mathfrak' in version 'bold'
(Font) U/euf/m/n --> U/euf/b/n on input line 132.

)

(/usr/share/texmf-texlive/tex/latex/amsmath/amsmath.sty

Package: amsmath 2000/07/18 v2.13 AMS math features

\@mathmargin=\skip43

For additional information on amsmath, use the '?' option.

(/usr/share/texmf-texlive/tex/latex/amsmath/amstext.sty

Package: amstext 2000/06/29 v2.01

(/usr/share/texmf-texlive/tex/latex/amsmath/amsgen.sty

File: amsgen.sty 1999/11/30 v2.0

\@emptytoks=\toks17

\ex@=\dimen105

))

(/usr/share/texmf-texlive/tex/latex/amsmath/amsbsy.sty

Package: amsbsy 1999/11/29 v1.2d

\pmbraise@=\dimen106

)

(/usr/share/texmf-texlive/tex/latex/amsmath/amsopn.sty

Package: amsopn 1999/12/14 v2.01 operator names

)

\inf@bad=\count90

LaTeX Info: Redefining \frac on input line 211.

\uproot@=\count91

\leftroot@=\count92

LaTeX Info: Redefining \overline on input line 307.

\classnum@=\count93

\DOTSCASE@=\count94
LaTeX Info: Redefining \ldots on input line 379.
LaTeX Info: Redefining \dots on input line 382.
LaTeX Info: Redefining \cdots on input line 467.
\Mathstrutbox@=\box26
\strutbox@=\box27
\big@size=\dimen107
LaTeX Font Info: Redefining font encoding OML on input line 567.
LaTeX Font Info: Redefining font encoding OMS on input line 568.
\mac@depth=\count95
\c@MaxMatrixCols=\count96
\dotsspace@=\muskip10
\c@parentequation=\count97
\dspbrk@|v|=\count98
\tag@help=\toks18
\row@=\count99
\column@=\count100
\maxfields@=\count101
\andhelp@=\toks19
\eqnshift@=\dimen108
\alignsep@=\dimen109
\tagshift@=\dimen110
\tagwidth@=\dimen111
\totwidth@=\dimen112
\lineht@=\dimen113
\@envbody=\toks20
\multlinegap=\skip44
\multlinetaggap=\skip45
\mathdisplay@stack=\toks21
LaTeX Info: Redefining \[on input line 2666.
LaTeX Info: Redefining \] on input line 2667.
)
(/usr/share/texmf-texlive/tex/latex/amsfonts/amssymb.sty
Package: amssymb 2002/01/22 v2.2d
)
(/usr/share/texmf-texlive/tex/latex/amscs/amsthm.sty
Package: amsthm 2004/08/06 v2.20
\thm@style=\toks22
\thm@bodyfont=\toks23
\thm@headfont=\toks24
\thm@notefont=\toks25
\thm@headpunct=\toks26
\thm@preskip=\skip46

```
\thm@postskip=\skip47
\thm@headsep=\skip48
\dth@everypar=\toks27
)
(/usr/share/texmf-texlive/tex/latex/jknapltx/mathrsfs.sty
Package: mathrsfs 1996/01/01 Math RSFS package v1.0 (jk)
\symrsfs=\mathgroup6
)
(/usr/share/texmf-texlive/tex/latex/Slunits/Slunits.sty
Package: Slunits 2002/08/01 v1.33 Support for the International System of units
(MH)
```

```
\@qskwidth=\skip49
Now handling font encoding TS1 ...
... processing UTF-8 mapping file for font encoding TS1
(/usr/share/texmf-texlive/tex/latex/base/ts1enc.dfu
File: ts1enc.dfu 2006/03/30 v1.1i UTF-8 support for inputenc
  defining Unicode char U+00A2 (decimal 162)
  defining Unicode char U+00A3 (decimal 163)
  defining Unicode char U+00A4 (decimal 164)
  defining Unicode char U+00A5 (decimal 165)
  defining Unicode char U+00A6 (decimal 166)
  defining Unicode char U+00A7 (decimal 167)
  defining Unicode char U+00A8 (decimal 168)
  defining Unicode char U+00A9 (decimal 169)
  defining Unicode char U+00AA (decimal 170)
  defining Unicode char U+00AC (decimal 172)
  defining Unicode char U+00AE (decimal 174)
  defining Unicode char U+00AF (decimal 175)
  defining Unicode char U+00B0 (decimal 176)
  defining Unicode char U+00B1 (decimal 177)
  defining Unicode char U+00B2 (decimal 178)
  defining Unicode char U+00B3 (decimal 179)
  defining Unicode char U+00B4 (decimal 180)
  defining Unicode char U+00B5 (decimal 181)
  defining Unicode char U+00B6 (decimal 182)
  defining Unicode char U+00B7 (decimal 183)
  defining Unicode char U+00B9 (decimal 185)
  defining Unicode char U+00BA (decimal 186)
  defining Unicode char U+00BC (decimal 188)
  defining Unicode char U+00BD (decimal 189)
  defining Unicode char U+00BE (decimal 190)
```

defining Unicode char U+00D7 (decimal 215)
defining Unicode char U+00F7 (decimal 247)
defining Unicode char U+0192 (decimal 402)
defining Unicode char U+02C7 (decimal 711)
defining Unicode char U+02D8 (decimal 728)
defining Unicode char U+02DD (decimal 733)
defining Unicode char U+0E3F (decimal 3647)
defining Unicode char U+2016 (decimal 8214)
defining Unicode char U+2020 (decimal 8224)
defining Unicode char U+2021 (decimal 8225)
defining Unicode char U+2022 (decimal 8226)
defining Unicode char U+2030 (decimal 8240)
defining Unicode char U+2031 (decimal 8241)
defining Unicode char U+203B (decimal 8251)
defining Unicode char U+203D (decimal 8253)
defining Unicode char U+2044 (decimal 8260)
defining Unicode char U+204E (decimal 8270)
defining Unicode char U+2052 (decimal 8274)
defining Unicode char U+20A1 (decimal 8353)
defining Unicode char U+20A4 (decimal 8356)
defining Unicode char U+20A6 (decimal 8358)
defining Unicode char U+20A9 (decimal 8361)
defining Unicode char U+20AB (decimal 8363)
defining Unicode char U+20AC (decimal 8364)
defining Unicode char U+20B1 (decimal 8369)
defining Unicode char U+2103 (decimal 8451)
defining Unicode char U+2116 (decimal 8470)
defining Unicode char U+2117 (decimal 8471)
defining Unicode char U+211E (decimal 8478)
defining Unicode char U+2120 (decimal 8480)
defining Unicode char U+2122 (decimal 8482)
defining Unicode char U+2126 (decimal 8486)
defining Unicode char U+2127 (decimal 8487)
defining Unicode char U+212E (decimal 8494)
defining Unicode char U+2190 (decimal 8592)
defining Unicode char U+2191 (decimal 8593)
defining Unicode char U+2192 (decimal 8594)
defining Unicode char U+2193 (decimal 8595)
defining Unicode char U+2329 (decimal 9001)
defining Unicode char U+232A (decimal 9002)
defining Unicode char U+2422 (decimal 9250)
defining Unicode char U+25E6 (decimal 9702)
defining Unicode char U+25EF (decimal 9711)

```

    defining Unicode char U+266A (decimal 9834)
)
\symgreek=\mathgroup7

(/usr/share/texmf-texlive/tex/latex/Slunits/Slunits.cfg)
Option `squaren' provided!
) (/usr/share/texmf-texlive/tex/latex/mhchem/mhchem.sty
Package: mhchem 2006/12/17 v3.05 for typesetting chemical formulae

(/usr/share/texmf-texlive/tex/latex/base/iffthen.sty
Package: iffthen 2001/05/26 v1.1c Standard LaTeX iffthen package (DPC)
)
(/usr/share/texmf-texlive/tex/latex/tools/calc.sty
Package: calc 2005/08/06 v4.2 Infix arithmetic (KKT,FJ)
\calc@Acount=\count102
\calc@Bcount=\count103
\calc@Adimen=\dimen114
\calc@Bdimen=\dimen115
\calc@Askip=\skip50
\calc@Bskip=\skip51
LaTeX Info: Redefining \setlength on input line 75.
LaTeX Info: Redefining \addtolength on input line 76.
\calc@Ccount=\count104
\calc@Cskip=\skip52
)
(/usr/share/texmf-texlive/tex/latex/oberdiek/twoopt.sty
Package: twoopt 2006/02/20 v1.4 Definitions with two optional arguments (HO)
)
(/usr/share/texmf-texlive/tex/latex/graphics/keyval.sty
Package: keyval 1999/03/16 v1.13 key=value parser (DPC)
\KV@toks@=\toks28
)
(/usr/share/texmf-texlive/tex/latex/graphics/graphics.sty
Package: graphics 2006/02/20 v1.0o Standard LaTeX Graphics (DPC,SPQR)

(/usr/share/texmf-texlive/tex/latex/graphics/trig.sty
Package: trig 1999/03/16 v1.09 sin cos tan (DPC)
)
(/etc/texmf/tex/latex/config/graphics.cfg
File: graphics.cfg 2007/01/18 v1.5 graphics configuration of teTeX/TeXLive
)
Package graphics Info: Driver file: pdftex.def on input line 90.

```

```

(/usr/share/texmf-texlive/tex/latex/pdftex-def/pdftex.def
File: pdftex.def 2007/01/08 v0.04d Graphics/color for pdfTeX
\Gread@gobject=\count105
))
\tok@mhchem@ce@ii=\toks29
\mhchem@arrowminlength=\skip53
\mhchem@arrows@box=\box28
\mhchem@arrowlength@pgf=\skip54
\mhchem@arrowminlength@pgf=\skip55
\mhchem@bondwidth=\skip56
\mhchem@bondheight=\skip57
\mhchem@smallbondwidth@tmpA=\skip58
\mhchem@smallbondwidth@tmpB=\skip59
\mhchem@smallbondwidth=\skip60
\mhchem@cf@element=\toks30
\mhchem@cf@number=\toks31
\mhchem@cf@sup=\toks32
\tok@mhchem@cf@i=\toks33
\c@mhchem@cf@length=\count106
\mhchem@cf@replaceminus@tok=\toks34
\mhchem@option@minussidebearingleft=\skip61
\mhchem@option@minussidebearingright=\skip62
)
(/usr/share/texmf-texlive/tex/latex/chemarrow/chemarrow.sty
\z@=\dimen116
\z@skip=\skip63
\autotop=\dimen117
\autobottom=\dimen118
\autosize=\dimen119
)
(/usr/share/texmf-texlive/tex/latex/graphics/color.sty
Package: color 2005/11/14 v1.0j Standard LaTeX Color (DPC)

(/etc/texmf/tex/latex/config/color.cfg
File: color.cfg 2007/01/18 v1.5 color configuration of teTeX/TeXLive
)
Package color Info: Driver file: pdftex.def on input line 130.
)
(/usr/share/texmf-texlive/tex/latex/hyperref/hyperref.sty
Package: hyperref 2007/02/07 v6.75r Hypertext links for LaTeX
\@linkdim=\dimen120
\Hy@linkcounter=\count107
\Hy@pagecounter=\count108

```

```

(/usr/share/texmf-texlive/tex/latex/hyperref/pd1enc.def
File: pd1enc.def 2007/02/07 v6.75r Hyperref: PDFDocEncoding definition (HO)
Now handling font encoding PD1 ...
... no UTF-8 mapping file for font encoding PD1
)
(/etc/texmf/tex/latex/config/hyperref.cfg
File: hyperref.cfg 2002/06/06 v1.2 hyperref configuration of TeXLive
)
(/usr/share/texmf-texlive/tex/latex/oberdiek/kvoptions.sty
Package: kvoptions 2006/08/22 v2.4 Connects package keyval with LaTeX options (
HO)
)
Package hyperref Info: Option `colorlinks' set `true' on input line 2238.
Package hyperref Info: Option `bookmarks' set `false' on input line 2238.
Package hyperref Info: Option `plainpages' set `false' on input line 2238.
Package hyperref Info: Option `pdfpagelabels' set `true' on input line 2238.
Package hyperref Info: Hyper figures OFF on input line 2288.
Package hyperref Info: Link nesting OFF on input line 2293.
Package hyperref Info: Hyper index ON on input line 2296.
Package hyperref Info: Plain pages OFF on input line 2303.
Package hyperref Info: Backreferencing OFF on input line 2308.

Implicit mode ON; LaTeX internals redefined
Package hyperref Info: Bookmarks OFF on input line 2450.
(/usr/share/texmf-texlive/tex/latex/ltxmisc/url.sty
\Urmuskip=\muskip11
Package: url 2005/06/27 ver 3.2 Verb mode for urls, etc.
)
LaTeX Info: Redefining \url on input line 2599.
\Fld@menulength=\count109
\Field@Width=\dimen121
\Fld@charsize=\dimen122
\Choice@toks=\toks35
\Field@toks=\toks36
Package hyperref Info: Hyper figures OFF on input line 3102.
Package hyperref Info: Link nesting OFF on input line 3107.
Package hyperref Info: Hyper index ON on input line 3110.
Package hyperref Info: backreferencing OFF on input line 3117.
Package hyperref Info: Link coloring ON on input line 3120.
\Hy@abspage=\count110
\c@Item=\count111
\c@Hfootnote=\count112

```

```

)
*hyperref using default driver hpdfTeX*
(/usr/share/texmf-texlive/tex/latex/hyperref/hpdfTeX.def
File: hpdfTeX.def 2007/02/07 v6.75r Hyperref driver for pdfTeX
\Fld@listcount=\count113
)
(/usr/share/texmf-texlive/tex/latex/graphics/graphicx.sty
Package: graphicx 1999/02/16 v1.0f Enhanced LaTeX Graphics (DPC,SPQR)
\Gin@req@height=\dimen123
\Gin@req@width=\dimen124
)
(/usr/share/texmf-texlive/tex/latex/oberdiek/epstopdf.sty
Package: epstopdf 2006/08/26 v1.3 Conversion with epstopdf on the fly (HO)

```

Package epstopdf Warning: Shell escape feature is not enabled.

```

) (/usr/share/texmf-texlive/tex/latex/ltxmisc/framed.sty
Package: framed 2003/07/21 v 0.8a: framed or shaded text with page breaks
\FrameRule=\dimen125
\FrameSep=\dimen126
)
(/usr/share/texmf-texlive/tex/latex/tools/dcolumn.sty
Package: dcolumn 2001/05/28 v1.06 decimal alignment package (DPC)

(/usr/share/texmf-texlive/tex/latex/tools/array.sty
Package: array 2005/08/23 v2.4b Tabular extension package (FMI)
\col@sep=\dimen127
\extrarowheight=\dimen128
\NC@list=\toks37
\extratabsurround=\skip64
\backup@length=\skip65
))
(/usr/share/texmf-texlive/tex/latex/listings/listings.sty
\lst@mode=\count114
\lst@gtempboxa=\box29
\lst@token=\toks38
\lst@length=\count115
\lst@currlwidth=\dimen129
\lst@column=\count116
\lst@pos=\count117
\lst@lostspace=\dimen130
\lst@width=\dimen131

```

```
\lst@newlines=\count118
\lst@lineno=\count119
\c@lstlisting=\count120
\lst@maxwidth=\dimen132
```

```
(/usr/share/texmf-texlive/tex/latex/listings/lstpatch.sty
File: lstpatch.sty 2004/10/17 1.3b (Carsten Heinz)
```

```
)
```

```
(/usr/share/texmf-texlive/tex/latex/listings/lstmisc.sty
File: lstmisc.sty 2004/09/07 1.3 (Carsten Heinz)
```

```
\c@lstnumber=\count121
\lst@skipnumbers=\count122
\lst@framebox=\box30
```

```
)
```

```
(/usr/share/texmf-texlive/tex/latex/listings/listings.cfg
File: listings.cfg 2004/09/05 1.3 listings configuration
```

```
))
```

```
Package: listings 2004/10/17 1.3b (Carsten Heinz)
```

```
(/usr/share/texmf-texlive/tex/latex/psnfss/pifont.sty
```

```
Package: pifont 2005/04/12 PSNFSS-v9.2a Pi font support (SPQR)
```

```
LaTeX Font Info: Try loading font information for U+pzd on input line 63.
```

```
(/usr/share/texmf-texlive/tex/latex/psnfss/upzd.fd
```

```
File: upzd.fd 2001/06/04 font definitions for U/pzd.
```

```
)
```

```
LaTeX Font Info: Try loading font information for U+psy on input line 64.
```

```
(/usr/share/texmf-texlive/tex/latex/psnfss/upsy.fd
```

```
File: upsy.fd 2001/06/04 font definitions for U/psy.
```

```
))
```

```
(/usr/share/texmf-texlive/tex/latex/listings/lstlang1.sty
```

```
File: lstlang1.sty 2004/09/05 1.3 listings language file
```

```
)
```

```
(./g7-diffractometrie-ultrasonore.aux)
```

```
\openout1 = `g7-diffractometrie-ultrasonore.aux'.
```

```
LaTeX Font Info: Checking defaults for OML/cmm/m/it on input line 85.
```

```
LaTeX Font Info: ... okay on input line 85.
```

```
LaTeX Font Info: Checking defaults for T1/cmr/m/n on input line 85.
```

```
LaTeX Font Info: ... okay on input line 85.
```

```
LaTeX Font Info: Checking defaults for OT1/cmr/m/n on input line 85.
```

```
LaTeX Font Info: ... okay on input line 85.
```

LaTeX Font Info: Checking defaults for OMS/cmsy/m/n on input line 85.
LaTeX Font Info: ... okay on input line 85.
LaTeX Font Info: Checking defaults for OMX/cmex/m/n on input line 85.
LaTeX Font Info: ... okay on input line 85.
LaTeX Font Info: Checking defaults for U/cmr/m/n on input line 85.
LaTeX Font Info: ... okay on input line 85.
LaTeX Font Info: Checking defaults for TS1/cmr/m/n on input line 85.
LaTeX Font Info: Try loading font information for TS1+cmr on input line 85.

(/usr/share/texmf-texlive/tex/latex/base/ts1cmr.fd
File: ts1cmr.fd 1999/05/25 v2.5h Standard LaTeX font definitions
)

LaTeX Font Info: ... okay on input line 85.
LaTeX Font Info: Checking defaults for PD1/pdf/m/n on input line 85.
LaTeX Font Info: ... okay on input line 85.
LaTeX Info: Redefining \dots on input line 85.

Option 'squaren' provided!
Command \squaren defined by Slunits package!

Package hyperref Info: Link coloring ON on input line 85.
(/usr/share/texmf-texlive/tex/latex/hyperref/nameref.sty
Package: nameref 2006/12/27 v2.28 Cross-referencing by name of section

(/usr/share/texmf-texlive/tex/latex/oberdiek/refcount.sty
Package: refcount 2006/02/20 v3.0 Data extraction from references (HO)
)
\c@section@level=\count123
)

LaTeX Info: Redefining \ref on input line 85.
LaTeX Info: Redefining \pageref on input line 85.
(./titre.tex
<inclusions/logo.jpg, id=7, 647.41875pt x 319.1925pt>
File: inclusions/logo.jpg Graphic file (type jpg)

<use inclusions/logo.jpg>
LaTeX Font Info: Try loading font information for U+msa on input line 21.
(/usr/share/texmf-texlive/tex/latex/amsfonts/umsa.fd
File: umsa.fd 2002/01/19 v2.2g AMS font definitions
)
LaTeX Font Info: Try loading font information for U+msb on input line 21.
(/usr/share/texmf-texlive/tex/latex/amsfonts/umsb.fd
File: umsb.fd 2002/01/19 v2.2g AMS font definitions

)

LaTeX Font Info: Try loading font information for U+rsfs on input line 21.

(/usr/share/texmf-texlive/tex/latex/jknapltx/ursfs.fd

File: ursfs.fd 1998/03/24 rsfs font definition file (jk)

) [1

{/var/lib/texmf/fonts/map/pdftex/updmap/pdftex.map} <./inclusions/logo.jpg>])

(./g7-diffractometrie-ultrasonore.toc)

\tf@toc=\write3

\openout3 = `g7-diffractometrie-ultrasonore.toc'.

[1]

Overfull \hbox (1.17998pt too wide) in paragraph at lines 106--107

\OT1/cmr/m/n/10 nombre \$\OML/cmm/m/it/10 n\$ \OT1/cmr/m/n/10 de lon-gueurs d'ond
es qui d^^Sefilent pour un d^^Seplacement \$^^A\OML/cmm/m/it/10 d\$ \OT1/cmr/m/n/
10 du r^^Secepteur

[]

[2] <inclusions/schema.png, id=64, 783.55894pt x 356.91237pt>

File: inclusions/schema.png Graphic file (type png)

<use inclusions/schema.png>

Overfull \hbox (1.38072pt too wide) in paragraph at lines 170--171

[]\OT1/cmr/m/n/10 Toute source ad-met une di-rec-ti-vit^^Se, \$\OML/cmm/m/it/10
i:e:\$ \OT1/cmr/m/n/10 l'angle entre l'^^Semetteur et le r^^Secepteur

[]

[3 <./inclusions/schema.png (PNG copy)>]

Overfull \hbox (1.74998pt too wide) in paragraph at lines 180--181

[]\OT1/cmr/m/n/10 On va ^^Setudier

[]

Overfull \hbox (2.14348pt too wide) in paragraph at lines 185--186

[]\OT1/cmr/m/n/10 Gr^ace ^^Ra deux ^^Semetteurs s^^Separ^^Ses

[]

[4]

Overfull \hbox (6.28539pt too wide) in paragraph at lines 186--187

[]\OT1/cmr/m/n/10 Il sera n^^Secessaire de pro-duire une source

[]

Overfull \hbox (4.55553pt too wide) in paragraph at lines 194--195

[OT1/cmr/m/n/10 Une fois l'exp-

]

Overfull \hbox (0.39044pt too wide) in paragraph at lines 211--212

[OT1/cmr/m/n/10 Dans cette si-tua-tion,

]

Overfull \hbox (6.83348pt too wide) in paragraph at lines 226--227

[OT1/cmr/m/n/10 Nous ex-tra-yons de

]

system(epstopdf inclusions/lambda.eps)...disabled.

<inclusions/lambda.pdf, id=87, 361.35pt x 252.945pt>

File: inclusions/lambda.pdf Graphic file (type pdf)

<use inclusions/lambda.pdf> [5]

Overfull \hbox (1.91827pt too wide) in paragraph at lines 237--238

[OT1/cmr/m/n/10 Dans ce qui suit, on donne la va-leur de $\$ \backslash \text{OML} / \text{cmm} / \text{m} / \text{it} / 10 \wedge \wedge$
U\$ \OT1/cmr/m/n/10 pour cha-cune des trois exp $\wedge \wedge$ Seriences.

]

LaTeX Font Info: Try loading font information for OMS+cmr on input line 240.

(/usr/share/texmf-texlive/tex/latex/base/omscmr.fd

File: omscmr.fd 1999/05/25 v2.5h Standard LaTeX font definitions

)

LaTeX Font Info: Font shape `OMS/cmr/m/n' in size <10> not available

(Font) Font shape `OMS/cmsy/m/n' tried instead on input line 240.

[6 <./inclusions/lambda.pdf>] [7]

Package hyperref Info: bookmark level for unknown lstlisting defaults to 0 on i
nput line 284.

(./analyse.m

LaTeX Font Info: Font shape `OMS/cmr/m/n' in size <5> not available

(Font) Font shape `OMS/cmsy/m/n' tried instead on input line 19.

LaTeX Font Info: Try loading font information for OML+cmr on input line 66.

(/usr/share/texmf-texlive/tex/latex/base/omlcmr.fd

File: omlcmr.fd 1999/05/25 v2.5h Standard LaTeX font definitions

)

LaTeX Font Info: Font shape `OML/cmr/m/n' in size <5> not available
(Font) Font shape `OML/cmm/m/it' tried instead on input line 66.
)

[8] (.g7-diffractometrie-ultrasonore.aux))

Here is how much of TeX's memory you used:

7702 strings out of 94983

100494 string characters out of 1180953

351717 words of memory out of 1500000

10610 multiletter control sequences out of 10000+50000

16147 words of font info for 63 fonts, out of 1200000 for 2000

73 hyphenation exceptions out of 8191

29i,9n,40p,690b,1842s stack positions out of 5000i,500n,6000p,200000b,5000s

</usr/share/texmf-texlive/fonts/typ

e1/bluesky/cm/cmbx10.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cmbx1

2.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cmbx5.pfb></usr/share/te

xmf-texlive/fonts/type1/bluesky/cm/cmcscl10.pfb></usr/share/texmf-texlive/fonts/

type1/bluesky/cm/cmex10.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cm

mi10.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cmml5.pfb></usr/share

/texmf-texlive/fonts/type1/bluesky/cm/cmr10.pfb></usr/share/texmf-texlive/fonts

/type1/bluesky/cm/cmr12.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cm

r17.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cmr5.pfb></usr/share/t

exmf-texlive/fonts/type1/bluesky/cm/cmr7.pfb></usr/share/texmf-texlive/fonts/ty

pe1/bluesky/cm/cmsy10.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cmsy

5.pfb></usr/share/texmf-texlive/fonts/type1/bluesky/cm/cmsy7.pfb></usr/share/te

xmf-texlive/fonts/type1/bluesky/cm/cmti7.pfb>

Output written on g7-diffractometrie-ultrasonore.pdf (9 pages, 737553 bytes).

PDF statistics:

277 PDF objects out of 1000 (max. 8388607)

120 named destinations out of 1000 (max. 131072)

32 words of extra memory for PDF output out of 10000 (max. 10000000)