

The ejpecp class^{*†}

K. Burdzy D. Chafaï

September 8, 2021

1 Introduction

The *ejpecp* L^AT_EX 2_ε class is designed for the typesetting of articles for the mathematical research periodicals Electronic Journal of Probability (EJP) and Electronic Communications in Probability (ECP).

2 Usage

This class works only with the pdf_latex engine. See the sample file for its usage.

3 Implementation

```
1 %% We declare and handle our class options
2 \DeclareOption{EJP}{%
3   \newcommand{\@EJP}{}
4   \newcommand{\@JOURNAL}{EJP}
5   \newcommand{\@JOURNALA}{Electron. J. Probab.}
6   \newcommand{\@JOURNALL}{Electronic Journal of Probability}
7   \newcommand{\@ISSN}{1083-6489}
8   \newcommand{\@URL}{www.imstat.org/ejp}
9   \newcommand{\@FULLURL}{https://imstat.org/journals-and-publications/electronic-journal-of-probability/}
10 }
11 \DeclareOption{ECP}{%
12   \newcommand{\@ECP}{}
13   \newcommand{\@JOURNAL}{ECP}
14   \newcommand{\@JOURNALA}{Electron. Commun. Probab.}
15   \newcommand{\@JOURNALL}{Electronic Communications in Probability}
16   \newcommand{\@ISSN}{1083-589X}
17   \newcommand{\@URL}{www.imstat.org/ecp}
18   \newcommand{\@FULLURL}{https://imstat.org/journals-and-publications/electronic-communications-
19     in-probability/}
20 }
21 \DeclareOption{NOAMS}{% prevents the load of AMS packages
22   \newcommand{\@NOAMS}{}
23 }
24 \DeclareOption{NODS}{% asks to avoid renaming \mathbb into \mathds
25   \newcommand{\@NODS}{}
26 }
27 \DeclareOption{PSTRICKS}{% pstricks and pspicture.
28   % File must be compiled with "latex --shell-escape", then use dvipdf
29   \newcommand{\@PSTRICKS}{}
30 }
31 \DeclareOption{draft}{%
32   \PassOptionsToClass{draft}{article}
33 }
34 \DeclareOption{final}{%
```

^{*}class for EJP and ECP journals v1.11.2 dated 2021/09/07.

[†]Current maintainer of class file is VTeX, Lithuania. Please send all queries to `latex-support@vtex.lt`.

```

34 \PassOptionsToClass{final}{article}
35 }
36 \newif\if@ejpecp@preprint \@ejpecp@preprintfalse
37 \DeclareOption{preprint}{\@ejpecp@preprinttrue}
38 \newif\if@ejpecp@nofontexpansion \@ejpecp@nofontexpansionfalse
39 \DeclareOption{nofontexpansion}{\@ejpecp@nofontexpansiontrue}
40 \newif\if@ejpecp@nobera \@ejpecp@noberafalse
41 \DeclareOption{nobera}{\@ejpecp@noberatruetrue}
42 \DeclareOption*{%
43 \PackageWarning{ejpecp}{Unknown option '\CurrentOption'}%
44 }
45 %\ExecuteOptions{EJP}
46 \ProcessOptions\relax
47 %% We use the standard article class
48 \LoadClass[a4paper,10pt,twoside]{article}
49 %% Packages and their options
50 \RequirePackage{graphicx}
51 \ifx\@PSTRICKS\undefined
52 \DeclareGraphicsExtensions{.pdf,.PDF,.eps,.EPS,.png,.PNG,.jpg,.JPG,.jpeg,.JPEG}
53 \else
54 \RequirePackage[pdf]{pstricks}
55 \RequirePackage{auto-pst-pdf}
56 \fi
57 \RequirePackage{mathtools}
58 \RequirePackage{microtype}
59 \if@ejpecp@nofontexpansion
60 \microtypesetup{expansion=false}
61 \fi
62 \RequirePackage{latexsym}
63 \ifx\@NODS\undefined
64 \RequirePackage{dsfont}
65 \fi
66 \ifx\@NOAMS\undefined
67 \RequirePackage{amsmath,amsfonts,amssymb,amsthm}
68 \fi
69 \RequirePackage{geometry}
70 \geometry{a4paper,portrait,left=3.5cm,right=3.5cm,top=3.5cm,bottom=3.5cm}
71 \if@ejpecp@nobera
72 \else
73 \RequirePackage{bera} % beware that the logo is sensitive to default font change
74 \fi
75 \RequirePackage{hyperref}
76 \hypersetup{
77 pagebackref=false,
78 pdfborder={0 0 0},
79 pdfstartview={FitH},
80 hypertexnames=false,
81 breaklinks,
82 }
83 \def\UrlFont{}
84 %%% Macros et Environments
85 %% General macros
86 \newcommand{\@TITLE}{FIXME!}
87 \newcommand{\@SHORTTITLE}{FIXME!}
88 \newcommand{\@KEYWORDS}{FIXME!}
89 \newcommand{\@AMSSUBJ}{FIXME!}
90 \newcommand{\@ABSTRACT}{FIXME!}
91 \newcommand{\@VOLUME}{0}
92 \newcommand{\@PAPERNUM}{0}
93 \newcommand{\@YEAR}{2012}
94 \newcommand{\@PAGESTART}{1}
95 \newcommand{\@PAGEEND}{\ifundefined{ejpecp@lastpage}{\@PAGESTART}{\ejpecp@lastpage}}
96 \newcommand{\@SUBMITTED}{FIXME!}

```

```

97 \newcommand{\@ACCEPTED}{\FIXME!}
98 \newcommand{\TITLE}[1]{\renewcommand{\@TITLE}{#1}}
99 \newcommand{\SHORTTITLE}[1]{\renewcommand{\@SHORTTITLE}{#1}}
100 \newcommand{\DEDICATORY}[1]{\gdef\@DEDICATORY{#1}}
101 \newcommand{\AUTHORS}[1]{\author{#1}}
102 \let\FIRSTNAMES\@firstofone
103 \let\SURNAME\@firstofone
104 \newcommand{\KEYWORDS}[1]{\renewcommand{\@KEYWORDS}{#1}}
105 \newcommand{\AMSSUBJ}[1]{\renewcommand{\@AMSSUBJ}{#1}}
106 \newcommand{\AMSSUBJSECONDARY}[1]{\gdef\@AMSSUBJSECONDARY{#1}}
107 \newcommand{\ABSTRACT}[1]{\renewcommand{\@ABSTRACT}{#1}}
108 \newcommand{\VOLUME}[1]{\renewcommand{\@VOLUME}{#1}}
109 \newcommand{\PAPERNUM}[1]{\renewcommand{\@PAPERNUM}{#1}}
110 \newcommand{\YEAR}[1]{\renewcommand{\@YEAR}{#1}}
111 \newcommand{\PAGESTART}[1]{\renewcommand{\@PAGESTART}{#1}}
112 \newcommand{\PAGEEND}[1]{%
113     \let\write@ejpecp@lastpage\relax
114     \renewcommand{\@PAGEEND}{#1}%
115 }
116 \newcommand{\SUBMITTED}[1]{\renewcommand{\@SUBMITTED}{#1}}
117 \newcommand{\ACCEPTED}[1]{\renewcommand{\@ACCEPTED}{#1}}
118 \newcommand{\DOI}[1]{\gdef\@DOI{#1}}
119 \newcommand{\ARXIVID}[1]{\gdef\@ARXIVID{#1}}
120 \newcommand{\HALID}[1]{\gdef\@HALID{#1}}
121 \newcommand{\ACKNO}[1]{\noindent\textbf{Acknowledgments.} #1}
122 \def\acknowledgementsname{Acknowledgments}
123 \newenvironment{acks}[1]{\acknowledgementsname}{\noindent\textbf{#1.}\space\ignorespaces}{\par}
124 \def\EMAIL#1{E-mail:~\texttt{\href{mailto:#1}{\nolinkurl{#1}}}}
125 \newcommand{\BEMAIL}[1]{\newline\hspace*{1.8em}\EMAIL{#1}} % useful in ftnotes
126 %% Logos
127 \newcommand{\@EJPLG0}{% designed by KB.
128 % This version is for bera 10pt (depends on the font via "em" and "ex")
129 \centerline{%
130     \hbox{%
131         \vrule height -0.4 pt depth 0.8 pt width 27.7 em\space
132         \kern -27.8 em\space
133         \raise 0.03ex \hbox {\bf E}\space
134         \raise 0.06ex \hbox {l}\space
135         \raise .13ex \hbox {e}\space
136         \raise .24ex \hbox {c}\space
137         \raise .45ex \hbox {t}\space
138         \raise .78ex \hbox {r}\space
139         \raise 1.31ex \hbox {o}\space
140         \raise 2.08ex \hbox {n}\space
141         \raise 3.14ex \hbox {i}\space
142         \raise 4.53ex \hbox {c}\space
143         \kern 1em\space
144         \raise 8.15ex \hbox {\bf J}\space
145         \raise 10.15ex \hbox {o}\space
146         \raise 12.04ex \hbox {u}\space
147         \raise 13.60ex \hbox {r}\space
148         \raise 14.64ex \hbox {n}\space
149         \kern .3 em\space
150         \vrule depth 0.8pt height 14.5ex \space
151         \kern -.3em\space
152         \raise 15ex \hbox {a}\space
153         \raise 14.64ex \hbox {l}\space
154         \kern 1em\space
155         \raise 12.04ex \hbox {o}\space
156         \raise 10.15ex \hbox {f}\space
157         \kern 1em\space
158         \raise 6.23ex \hbox {\bf P}\space
159         \raise 4.53ex \hbox {r}\space

```

```

160 \raise 3.14ex \hbox {o}\space
161 \raise 2.08ex \hbox {b}\space
162 \raise 1.31ex \hbox {a}\space
163 \raise .78ex \hbox {b}\space
164 \raise .45ex \hbox {i}\space
165 \raise .24ex \hbox {l}\space
166 \raise .13ex \hbox {i}\space
167 \raise .06ex \hbox {t}\space
168 \raise .03ex \hbox {y}%
169 }%
170 }%
171 }%EJPLOGO
172 \newcommand{\@ECPLG0}{% designed when Ren'e Carmona was in charge of ECP
173 \raisebox{0.3cm}{\parbox[t]{1.3in}{\noindent\rule{1.3in}{1.6pt}}\
174 \textbf{ ELECTRONIC}\
175 \textbf{ COMMUNICATIONS}\
176 \textbf{ in PROBABILITY}\
177 \rule{.08in}{1.3in}{1.6pt}}}%
178 }%ECPLG0
179 \def\@doiprefix{https://doi.org/}
180 \def\printdoi{\texttt{\href{\@doiprefix\@DOI}{\@doiprefix\@DOI}}}
181 \def\msc@url{https://ams.org/mathscinet/msc/msc2020.html}
182 %% for multiple thanks/support in title
183 \def\title@makefnmark{%
184 \setbox\@tempboxa\hbox{\@textsuperscript{\normalfont\@thefnmark}}%
185 \ifundefined{prev@makefnmark@wd}%
186 {\edef\prev@makefnmark@wd{0pt}}%
187 {\edef\prev@makefnmark@wd{\the\dimexpr\prev@makefnmark@wd+wd\@tempboxa\relax}}%
188 \rlap{\hskip\prev@makefnmark@wd\unhbox\@tempboxa}%
189 }
190 \def\title@thanks#1{\unskip\unkern\orig@thanks{#1}\ignorespaces}%
191 %% make title long
192 \renewcommand\title[1]{\gdef\@title{#1}}
193 %% Macro handling the first page
194 \def\papernum@name{no.}
195 \newcommand{\FIRSTPAGE}{%
196 \setcounter{page}{\@PAGESTART}%
197 \title{\small
198 \let\orig@thanks\thanks
199 \ifx\@EJP\undefined\else
200 \if@ejpecp@preprint
201 \phantom{\@EJPLOGO}\par
202 \else
203 \@EJPLOGO
204 \fi
205 \bigskip
206 \if@ejpecp@preprint
207 \null\small
208 \else
209 \centerline{\@JOURNALA\ \textbf{\@VOLUME} (\@YEAR),\
210 \papernum@name\ \@PAPERNUM, \,\@PAGESTART--\@PAGEEND.}%
211 \centerline{ISSN:\ \texttt{\href{\@FULLURL}{\@ISSN}} \%
212 \ifx\@DOI\undefined\else
213 \ \printdoi
214 \fi}%
215 \fi
216 \bigskip
217 \bigskip
218 \bgroup
219 \@ifundefined{no@title@thanks@support}{%
220 \let\thanks\title@thanks
221 \let\@makefnmark\title@makefnmark
222 \let\support\thanks

```

```

223     }{}%
224     \Large\bfseries\@TITLE\par
225 \egroup
226 \fi
227 \ifx\@ECP\undefined
228 \else
229     \parbox[t]{9cm}{%
230         \if@ejpecp@preprint
231         \else
232             \@JOURNALA\ \textbf{\@VOLUME} (\@YEAR),
233             \papernum@name\ \@PAPERNUM, \@PAGESTART--\@PAGEEND.\@
234             \ifx\@DOI\undefined
235             \else
236                 \ \printdoi
237             \fi \\\
238             ISSN:\ \texttt{\href{\@FULLURL}{\@ISSN}}%
239         \fi
240     }%
241 \hfill
242 \if@ejpecp@preprint
243     \phantom{\@ECPLOGO}%
244 \else
245     \@ECPLOGO
246 \fi\\
247 \bigskip
248 \bigskip
249 \bgroup
250     \@ifundefined{no@title@thanks@support}{%
251         \let\thanks\title@thanks
252         \let\@makefnmark\title@makefnmark
253         \let\support\thanks
254     }{}%
255     \Large\@TITLE\par
256 \egroup
257 \fi
258 }% end title
259 \date{%
260     \ifx\@DEDICATORY\undefined
261     \else
262         \noindent
263         \emph{\small\sffamily\@DEDICATORY}%
264     \fi}%
265 \maketitle\thispagestyle{empty}%
266 \begin{abstract}%
267     \noindent
268     \@ABSTRACT\par\vskip 1em\relax
269 {\footnotesize
270     \noindent\textbf{Keywords: }\@KEYWORDS.\par
271     \noindent\href\msc@url{\textbf{MSC2020 subject classifications: }}%
272     \ifx\@AMSSUBJSECONDARY\undefined
273     \noindent
274     \@AMSSUBJ.\par
275     \else
276     \noindent
277     Primary \@AMSSUBJ, Secondary \@AMSSUBJSECONDARY.\par
278 \fi
279 \if@ejpecp@preprint
280     \mbox{}\par
281 \else
282     \noindent
283     Submitted to \@JOURNAL\ on \@SUBMITTED,
284     final version accepted on \@ACCEPTED.\par
285 \fi

```

```

286 \ifx\@ARXIVID\undefined
287 \else
288 \noindent
289 Supersedes
290 \texttt{\href{https://arXiv.org/abs/\@ARXIVID}{arXiv:\@ARXIVID}}. %
291 \fi\par
292 \ifx\@HALID\undefined
293 \else
294 \noindent
295 Supersedes
296 \texttt{\href{https://hal.archives-ouvertes.fr/\@HALID}{HAL:\@HALID}}. %
297 \fi\par
298 }%footnotesize
299 \end{abstract}
300
301 \smallskip
302
303 }%END-FIRSTPAGE
304 %% Macro setting the PDF title
305 \newcommand{\PDFFIELDS}{%
306 \if@ejpecp@preprint
307 \else
308 \hypersetup{%
309 pdftitle={\@JOURNAL\ \@VOLUME\ (\@YEAR), \papername\ \@PAPERNUM, \doi@prefix\@DOI}}%
310 \hypersetup{pdfproducer={\@JOURNAL\ Managing Editor https://\@URL}}%
311 \hypersetup{pdfauthor={Please see \doi@prefix\@DOI}}%
312 \fi
313 \hypersetup{pdfkeywords={\@KEYWORDS}}%
314 \hypersetup{pdfcreator={LaTeX with ejpecp.cls \@nameuse{ver@ejpecp.cls}}}%
315 \hypersetup{pdfsubject={Probability Theory}}%
316 }%END-PDFFIELDS
317
318 %% Supplement
319 \def\supplement@name{Supplementary Material}
320 \def\stitle#1{\def\@stitle{#1}}
321 \def\stitle@fmt#1{\textbf{#1}\ }
322 \def\sdescription#1{\def\@sdescription{#1}}
323 \def\suppsection@fmt{\section*{\supplement@name}}
324 \long\def\supplement{\@ifnextchar[{\@supplement}{\@supplement []}}
325 \long\def\@supplement[#1]{%
326 \suppsection@fmt
327 \global\let\suppsection@fmt\smallskip
328 }
329 \def\endsupplement{%
330 \ifundefined{\@stitle}%
331 {}%
332 {\stitle@fmt{\@stitle}}%
333 %
334 \ifundefined{\@sdescription}{\@sdescription}%
335 \par
336 }
337
338 %% Bibliography
339 \def\@MRExtract#1 #2!{#1} % thanks, Martin!
340 \newcommand{\MR}[1]{% we need to strip the "(...)"
341 \xdef\@MRSTRIP{\@MRExtract#1 !}%
342 \href{https://mathscinet.ams.org/mathscinet-getitem?mr=\@MRSTRIP}{MR-\@MRSTRIP}}
343 \newcommand{\ARXIV}[1]{\href{https://arXiv.org/abs/#1}{arXiv:#1}}
344 \def\bibliography@size{\small}
345 \renewenvironment{thebibliography}[1]
346 {%
347 \section*{\refname
348 \mkboth{\MakeUppercase\refname}{\MakeUppercase\refname}}%

```

```

349 \phantomsection
350 \addcontentsline{toc}{section}{\refname}%
351 \list{\@biblabel{\@arabic\c@enumiv}}%
352 {\settowidth\labelwidth{\@biblabel{#1}}%
353 \bibliography@size
354 \setlength{\labelsep}{0.4em}%
355 \setlength{\leftmargin}{\labelwidth}%
356 \addtolength{\leftmargin}{\labelsep}%
357 \setlength{\itemsep}{-.25em}%
358 \@openbib@code
359 \usecounter{enumiv}%
360 \let\p@enumiv\empty
361 \renewcommand\theenumiv{\@arabic\c@enumiv}}%
362 \sloppy\clubpenalty4000\@clubpenalty\clubpenalty\widowpenalty4000%
363 \sfcode\.\@m
364 }{%
365 \def\@noitemerr{%
366 \@latex@warning{Empty `thebibliography' environment}}%
367 \endlist
368 }
369 %% Theorem styles
370 \ifx\@NOAMS\undefined
371 \newtheoremstyle{ejpecpbodyit}% name % cf. thmtest.tex of AMSLaTeX
372 {3pt} % Space above
373 {3pt} % Space below
374 {\itshape} % Body font
375 {} % Indent amount (empty = no indent,
376 % \parindent = para indent)
377 {\bfseries\sffamily} % Thm head font
378 {.} % Punctuation after thm head
379 { } % Space after thm head: " " = normal interword space;
380 % \newline = linebreak
381 {} % Thm head spec (can be left empty, meaning `normal')
382 \newtheoremstyle{ejpecpbodyrm}% name % cf. thmtest.tex of AMSLaTeX
383 {3pt} % Space above
384 {3pt} % Space below
385 {} % Body font
386 {} % Indent amount (empty = no indent,
387 % \parindent = para indent)
388 {\bfseries\sffamily} % Thm head font
389 {.} % Punctuation after thm head
390 { } % Space after thm head: " " = normal interword space;
391 % \newline = linebreak
392 {} % Thm head spec (can be left empty, meaning `normal')
393 \fi
394 %%
395 \ifx\@NOAMS\undefined
396 \theoremstyle{ejpecpbodyit}
397 \fi
398 \newtheorem{theorem}{Theorem}[section]
399 \newtheorem{assumptions}[theorem]{Assumptions}
400 \newtheorem{assumption}[theorem]{Assumption}
401 \newtheorem{claim}[theorem]{Claim}
402 \newtheorem{condition}[theorem]{Condition}
403 \newtheorem{conjecture}[theorem]{Conjecture}
404 \newtheorem{corollary}[theorem]{Corollary}
405 \newtheorem{definitions}[theorem]{Definitions}
406 \newtheorem{definition}[theorem]{Definition}
407 \newtheorem{facts}[theorem]{Facts}
408 \newtheorem{fact}[theorem]{Fact}
409 \newtheorem{heuristics}[theorem]{Heuristics}
410 \newtheorem{hypothesis}[theorem]{Hypothesis}
411 \newtheorem{hypotheses}[theorem]{Hypotheses}

```

```

412 \newtheorem{lemma}[theorem]{Lemma}
413 \newtheorem{notations}[theorem]{Notations}
414 \newtheorem{notation}[theorem]{Notation}
415 \newtheorem{proposition}[theorem]{Proposition}
416 \ifx\@NOAMS\undefined
417   \theoremstyle{ejpecpbodyrm}
418 \fi
419 \newtheorem{example}[theorem]{Example}
420 \newtheorem{exercise}[theorem]{Exercise}
421 \newtheorem{problem}[theorem]{Problem}
422 \newtheorem{question}[theorem]{Question}
423 \newtheorem{remark}[theorem]{Remark}
424 %% Numbering
425 \ifx\@NOAMS\undefined
426   \numberwithin{equation}{section}
427 \fi
428 %% Itemize and enumerate for bera
429 \newcommand{\@reduceitemsep}{\addtolength{\itemsep}{-0.5\baselineskip}}
430 \let\OLD@itemize\itemize
431 \renewcommand\itemize{\OLD@itemize\@reduceitemsep}
432 \let\OLD@enumerate\enumerate
433 \renewcommand\enumerate{\OLD@enumerate\@reduceitemsep}
434 %% Replace \mathbb by \mathds except if we require the contrary
435 \ifx\@NODS\undefined
436   \let\realmathbb=\mathbb
437   \let\mathbb=\mathds
438 \fi
439 %% Headings
440 \def\write@ejpecp@lastpage{\immediate\write\@auxout{\string\xdef\string\ejpecp@lastpage{\the\c@page}}}
441 \newcommand{\@HLOB}{%
442   \href{\@doiprefix\@DOI}%
443     {\@JOURNAL\ \textbf{\@VOLUME}\, (\@YEAR),\ paper \@PAPENUM.}}
444 \renewcommand{\@evenfoot}{%
445   \normalfont\footnotesize\if@ejpecp@preprint\mbox{}\else\@HLOB\fi\hfil
446   \small
447   \write@ejpecp@lastpage
448   \raisebox{-1em}{Page \thepage/\@PAGEEND}\hfil
449   \footnotesize\if@ejpecp@preprint\mbox{}\else\href{\@FULLURL}{https://\@URL}\fi}
450 \renewcommand{\@oddfoot}{\@evenfoot}
451 \renewcommand{\@evenhead}{\hfil\@SHORTTITLE\hfil}
452 \renewcommand{\@oddhead}{\@evenhead}
453 %% smaller sections titles
454 \renewcommand{\section}{%
455   \@startsection
456     {section}
457     {1}
458     {0em}
459     {\baselineskip}
460     {0.5\baselineskip}
461     {\normalfont\large\bfseries}}
462 \renewcommand{\subsection}{%
463   \@startsection
464     {subsection}
465     {2}
466     {0em}
467     {\baselineskip}
468     {0.25\baselineskip}
469     {\normalfont\bfseries}}
470 \RequirePackage{afterpackage}
471 \AfterPackage{natbib}
472 {%
473   \def\bibcleanup{\vskip-\lastskip\vskip10\p@}%
474   \renewcommand{\bibfont}{\small}}

```



```

475 \newlength{\standard@parsep}%
476 \newlength{\standard@itemsep}%
477 \setlength{\standard@parsep}{4.0pt plus 2.0pt minus 1.0pt}%
478 \setlength{\standard@itemsep}{-2.02498pt}%
479 \setlength{\bibsep}{\standard@parsep}%
480 \addtolength{\bibsep}{\standard@itemsep}%
481 \renewcommand\NAT@bibsetnum[1]%
482 {%
483   \settowidth\labelwidth{\@biblabel{#1}}%
484   \setlength{\leftmargin}{\labelwidth}\addtolength{\leftmargin}{\labelsep}%
485   \setlength{\labelsep}{3pt}%
486   \setlength{\itemsep}{\bibsep}\setlength{\parsep}{\z@}%
487   \ifNAT@openbib
488     \addtolength{\leftmargin}{\bibindent}%
489     \setlength{\itemindent}{-\bibindent}%
490     \setlength{\listparindent}{\itemindent}%
491     \setlength{\parsep}{0pt}%
492   \fi
493 }%
494 }%
495 \def\amp{&}%
496 \InputIfFileExists{ejpecp.cfg}
497 {}
498 {\def\papernum@name{article no.}}
499 %% Macros
500 \AtBeginDocument{\FIRSTPAGE\PDFFIELDS}
501 \AtEndDocument{\vfill}
502 \endinput
503 %%
504 %% End of file `ejpecp.cls'.
505 %% Macros
506 \AtBeginDocument{\FIRSTPAGE\PDFFIELDS}
507 \AtEndDocument{\vfill}

```

Change History

v0.5		v1.11.2	
General: Initial version.	1	General: nobera and nofontexpansion options added	1
v0.57			
General: Improvements, see the README file.	1	v1.2	
v0.577		General: Transition to	
General: Improvements, see the README file.	1	EJMS/VTEX/ProjectEuclid.	1
v0.5772		v1.3	
General: Improvements, see the README file.	1	General: Updated journal URLs and DOI	
v0.57721		output format	1
General: Improvements, see the README file.	1	v1.4	
v0.577215		General: Abstract baselineskip correction	1
General: Improvements, see the README file.	1	v1.5	
v1.0		General: false configuration for hyperref	
General: First stable version, see the README		package	1
file.	1	v1.6	
v1.1		General: full url doi, package maintaining and	
General: Corrected stable version, see the		shorttitle info	1
README file.	1	v1.7	
v1.10.0		General: merged with production version:	
General: acks and support	1	fixltx2e removed, natbib setup with	
v1.11.0		afterpackage, etc	1
General: preprint option	1	v1.8.2	
v1.11.1		General: no. prefix updated and msc2020	1
General: removed dependency on lastpage		v1.8.3	
package	1	General: Update URLs	1

Index

Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

Symbols		
\'	172	\@evenfoot 444, 450
\,	210, 443	\@evenhead 451, 452
\.	363	\@firstofone 102, 103
\@ABSTRACT	90, 107, 268	\@ifnextchar 324
\@ACCEPTED	97, 117, 284	\@ifundefined 95, 185, 219, 250, 330, 334
\@AMSSUBJ	89, 105, 274, 277	\@latex@warning 366
\@AMSSUBJSECONDARY	106, 272, 277	\@m 363
\@ARXIVID	119, 286, 290	\@makefnmark 221, 252
\@DEDICATORY	100, 260, 263	\@mkboth 348
\@DOI	118, 180, 212, 234, 309, 311, 442	\@nameuse 314
\@ECP	12, 227	\@noitemerr 365
\@ECPLOGO	172, 243, 245	\@oddfoot 450
\@EJP	3, 199	\@oddhead 452
\@EJPLOGO	127, 201, 203	\@openbib@code 358
\@FULLURL	9, 18, 211, 238, 449	\@reduceitemsep .. 429, 431, 433
\@HALID	120, 292, 296	\@sdescription 322, 334
\@HBLOB	441, 445	\@startsection 455, 463
\@ISSN	7, 16, 211, 238	\@stitle 320, 332
\@JOURNAL	4, 13, 283, 310, 443	\@supplement 324, 325
\@JOURNALA	5, 14, 209, 232, 309	\@tempboxa 184, 187, 188
\@JOURNALL	6, 15	\@textsuperscript 184
\@KEYWORDS	88, 104, 270, 313	\@thefnmark 184
\@MRExtract	339, 341	\@title 192
\@MRSTRIP	341, 342	\\ 173–176, 233, 237, 246
\@NOAMS	21, 66, 370, 395, 416, 425	
\@NODS	24, 63, 435	\ 209–211, 213, 232, 233, 236, 238, 283, 309, 310, 321, 443
\@PAGEEND	95, 114, 210, 233, 448	
\@PAGESTART	94, 95, 111, 196, 210, 233	A
\@PAPERNUM	92, 109, 210, 233, 309, 443	\ABSTRACT 107
\@PSTRICKS	28, 51	\ACCEPTED 117
\@SHORTTITLE	87, 99, 451	\ACKNO 121
\@SUBMITTED	96, 116, 283	\acknowledgementsname . 122, 123
\@TITLE	86, 98, 224, 255	\addcontentsline 350
\@URL	8, 17, 310, 449	\addtolength 356, 429, 480, 484, 488
\@VOLUME	91, 108, 209, 232, 309, 443	\AfterPackage 471
\@YEAR	93, 110, 209, 232, 309, 443	\amp 495
\@arabic	351, 361	\AMSSUBJ 105
\@auxout	440	\AMSSUBJSECONDARY 106
\@biblabel	351, 352, 483	\ARXIV 343
\@clubpenalty	362	\ARXIVID 119
\@doiprefix	179, 180, 309, 311, 442	\AtBeginDocument 500, 506
\@ejpecp@noberafalse	40	\AtEndDocument 501, 507
\@ejpecp@noberatrue	41	\author 101
\@ejpecp@nofontexpansionfalse	38	\AUTHORS 101
\@ejpecp@nofontexpansiontrue	39	B
\@ejpecp@preprintfalse	36	\baselineskip 429, 459, 460, 467, 468
\@ejpecp@preprinttrue	37	\begin 266
\@empty	360	\BEMAIL 125
		\bf 133, 144, 158
		\bfseries 224, 377, 388, 461, 469
		\bgroup 218, 249
		\bibcleanup 473
		\bibfont 474
		\bibindent 488, 489
		\bibliography@size ... 344, 353
		\bibsep 479, 480, 486
		\bigskip . 205, 216, 217, 247, 248
		C
		\c@enumiv 351, 361
		\c@page 440
		\centerline 129, 209, 211
		\clubpenalty 362
		\CurrentOption 43
		D
		\date 259
		\DeclareGraphicsExtensions 52
		\DeclareOption ... 2, 11, 20, 23, 26, 30, 33, 37, 39, 41, 42
		\DEDICATORY 100
		\def 83, 122, 124, 179–181, 183, 190, 194, 319–325, 329, 339, 344, 365, 440, 473, 495, 498
		\dimexpr 187
		\DOI 118
		E
		\edef 186, 187
		\egroup 225, 256
		\ejpecp@lastpage 95, 440
		\else 53, 72, 199, 202, 208, 212, 228, 231, 235, 244, 261, 275, 281, 287, 293, 307, 445, 449
		\EMAIL 124, 125
		\emph 263
		\end 299
		\endinput 502
		\endlist 367
		\endsupplement 329
		\enumerate 432, 433
		\ExecuteOptions 45
		F
		\fi .. 56, 61, 65, 68, 74, 204, 214, 215, 226, 237, 239, 246, 257, 264, 278, 285, 291, 297, 312, 393, 397, 418, 427, 438, 445, 449, 492
		\FIRSTNAMES 102
		\FIRSTPAGE 195, 500, 506
		\footnotesize 269, 445, 449

G		\MR 340	\section 323, 347, 454
\gdef 100, 106, 118–120, 192		\msc@url 181, 271	\setbox 184
\geometry 70			\setcounter 196
\global 327			\setlength . . . 354, 355, 357, 477–479, 484–486, 489–491
H		N	\settowidth 352, 483
\HALID 120		\NAT@bibsetnum 481	\sfcode 363
\hbox 130,		\newif 36, 38, 40	\sffamily 263, 377, 388
133–142, 144–148, 152,		\newlength 475, 476	\SHORTTITLE 99
153, 155, 156, 158–168, 184		\newline 125, 380, 391	\sloppy 362
\hfil 445, 448, 451		\newtheorem . . 398–415, 419–423	\small . . . 197, 263, 344, 446, 474
\hfill 241		\newtheoremstyle 371, 382	\smallskip 301, 327
\href 124, 180, 211, 238, 271,		\noindent 121, 123, 173, 262, 267, 270, 271, 273, 276, 282, 288, 294	\space 123, 131–167
290, 296, 342, 343, 442, 449		\nolinkurl 124	\standard@itemsep 476, 478, 480
\hskip 188		\normalfont . . 184, 445, 461, 469	\standard@parsep . 475, 477, 479
\hspace 125		\null 207	\stitle 320
\hypersetup		\numberwithin 426	\stitle@fmt 321, 332
. 76, 308, 310, 311, 313–315			\string 440
I		O	\SUBMITTED 116
\if@ejpecp@nobera 40, 71		\OLD@enumerate 432, 433	\subsection 462
\if@ejpecp@nofontexpansion		\OLD@itemize 430, 431	\supplement 324
. 38, 59		\orig@thanks 190, 198	\supplement@name 319, 323
\if@ejpecp@preprint			\support 222, 253
. 36, 200, 206,		P	\suppsection@fmt . 323, 326, 327
230, 242, 279, 306, 445, 449		\p@ 473	\SURNAME 103
\ifNAT@openbib 487		\p@enumiv 360	
\ifx . . . 51, 63, 66, 199, 212,		\PackageWarning 43	T
227, 234, 260, 272, 286,		\PAGEEND 112	\textbf . . 121, 123, 174–176, 209, 232, 270, 271, 321, 443
292, 370, 395, 416, 425, 435		\PAGESTART 111	\texttt 124, 180, 211, 238, 290, 296
\ignorespaces 123, 190		\PAPERNUM 109	\thanks . . 198, 220, 222, 251, 253
\immediate 440		\papernum@name	\the 187, 440
\InputIfFileExists 496		. . . 194, 210, 233, 309, 498	\theenumiv 361
\itemindent 489, 490		\par 123, 201, 224, 255, 268, 270, 274, 277, 280, 284, 291, 297, 335	\theoremstyle 396, 417
\itemize 430, 431		\parbox 173, 229	\thepage 448
\itemsep 357, 429, 486		\parindent 376, 387	\thispagestyle 265
\itshape 374		\parsep 486, 491	\TITLE 98
K		\PassOptionsToClass . . . 31, 34	\title 192, 197
\kern 132, 143, 149, 151, 154, 157		\PDFFIELDS 305, 500, 506	\title@makefnmark 183, 221, 252
\KEYWORDS 104		\phantom 201, 243	\title@thanks . . . 190, 220, 251
L		\phantomsection 349	
\labelsep . . . 354, 356, 484, 485		\prev@makefnmark@wd . . 186–188	U
\labelwidth . . 352, 355, 483, 484		\printdoi 180, 213, 236	\undefined 51, 63, 66, 199, 212, 227, 234, 260, 272, 286, 292, 370, 395, 416, 425, 435
\Large 224, 255		\ProcessOptions 46	\unhbox 188
\large 461			\unkern 190
\lastskip 473		R	\unskip 190
\leftmargin . . 355, 356, 484, 488		\raise . . . 133–142, 144–148, 152, 153, 155, 156, 158–168	\UrlFont 83
\let 102, 103, 113, 198, 220–222, 251–253, 327, 360, 430, 432, 436, 437		\raisebox 173, 448	\usecounter 359
\list 351		\realmathbb 436	
\listparindent 490		\refname 347, 348, 350	V
\LoadClass 48		\relax 46, 113, 187, 268	\vfill 501, 507
\long 324, 325		\renewcommand 98, 99, 104, 105, 107–111, 114, 116, 117, 192, 361, 431, 433, 444, 450–452, 454, 462, 474, 481	\VOLUME 108
M		\renewenvironment 345	\vrule 131, 150
\maketitle 265		\RequirePackage 50, 54, 55, 57, 58, 62, 64, 67, 69, 73, 75, 470	\vskip 268, 473
\MakeUppercase 348		\rlap 188	
\mathbb 23, 434, 436, 437		\rule 173, 177	W
\mathds 23, 434, 437			\wd 187
\mbox 280, 445, 449		S	\widowpenalty 362
\microtypesetup 60		\sdescription 322	\write 440
			\write@ejpecp@lastpage 113, 440, 447

	X	Y	Z
<code>\xdef</code>	341, 440	<code>\YEAR</code>	110
<code>\z@</code>			486