

```

\workbooktools.sty
1 \NeedsTeXFormat{LaTeX2e}
2 \RequirePackage{kiwircs}
3 \RCS $Revision: 1.17 $
4 \RCS $Date: 2021-04-03 17:52:07+09 $
5 \ProvidesPackage{workbooktools}[\RCSTeXDate\space v\RCSRevision\space Mahn-Soo Choi]
6 \RequirePackage{currfile}

```

1 Math Cells

```

loadMathBundle
mathbundle 7 \newcounter{mathbundle}[subsection]
\bundle@file 8 \newcommand\bundle@file{%
9 \currfilebase.nbc/\the\c@section.\the\csubsection-\themathbundle.tex}
10 \newif\ifIgnoreBundleLoadError
11 \IgnoreBundleLoadErrorfalse
Load the next bundle of Mathematica(R) cells.
\loadMathBundle 12 \newcommand\loadMathBundle{%
13 \stepcounter{mathbundle}
14 \IfFileExists{\bundle@file}{%
15 \input{\bundle@file}}{%
16 \PackageWarning{workbooktools}{Bundle file \bundle@file\space not found}
17 \ifIgnoreBundleLoadError\else{\textcolor{red}{\fbox{\bundle@file}}}\fi}}
Skip the next bundle of Mathematica(R) cells.
\skipMathBundle 18 \newcommand\skipMathBundle{\stepcounter{mathbundle}}

mathbundle
mathbundle 19 \newenvironment{mathbundle}{%
20 \begin{list}{}{
21 \parskip=6pt plus 4pt
22 \topsep=6pt plus 4pt
23 \partopsep=0pt plus 4pt
24 \itemsep=6pt plus 4pt
25 \parsep=0pt plus 4pt
26 }%
27 \raggedleft}{%
28 \end{list}}
\includemathcell 29 \newcommand\includemathcell[1]{%
30 \item\relax\includegraphics[scale=\mathcellscale]{#1}}
\mathcellscale 31 \newcommand\mathcellscale{0.72}

```

2 Title

Borrowed from svmono provided by Springer.

```

\maketitle 32 \def\maketitle{\par
33 \begin{group}
34 \def\thefootnote{\fnsymbol{footnote}}%
35 \def\@makefnmark{\hbox
36 to\z@{\$m@th^{\@thefnmark}$\hss}}%
37 \if@twocolumn
38 \twocolumn[\@maketitle]%

```

```

39     \else \newpage
40     \global\@topnum\z@    % Prevents figures from going at top of page.
41     \@maketitle \fi\thispagestyle{empty}\@thanks
42     \par\penalty -\@M
43 \endgroup
44 \setcounter{footnote}{0}%
45 \let\maketitle\relax
46 \let\@maketitle\relax
47 \gdef\@thanks{}\gdef\@author{}\gdef\@title{}\let\thanks\relax}
\@maketitle 48 \def\@maketitle{\newpage
49 \null
50 \vskip 2em                % Vertical space above title.
51 \begingroup
52 \def\and{\unskip, }
53 \parindent=\z@
54 \pretolerance=10000
55 \rightskip=\z@ \@plus 3cm
56 {\LARGE                    % each author set in \LARGE
57 \lineskip .5em
58 \textbf{\@author}
59 \par}%
60 \vskip 2cm                % Vertical space after author.
61 {\Huge \textbf{\@title} \par}%    % Title set in \Huge size.
62 \vskip 1cm                % Vertical space after title.
63 \if!\@subtitle!\else
64 {\LARGE\ignorespaces\@subtitle \par}
65 \vskip 1cm                % Vertical space after subtitle.
66 \fi
67 \if!\@date!\else
68 {\large \@date}%          % Date set in \large size.
69 \par
70 \vskip 1.5em              % Vertical space after date.
71 \fi
72 \vfill
73 {\Large Springer\par}
74 %\vskip 5\p@
75 %\large
76 % Berlin\enspace Heidelberg\enspace New\kern0.1em York\\
77 % Hong\thinspace Kong\enspace London\\
78 % Milan\enspace Paris\enspace Tokyo\par
79 \endgroup}
\subtitle 80 \def\subtitle#1{\gdef\@subtitle{#1}}
\@subtitle 81 \def\@subtitle{}

```

3 Prelude

```

[prelude]
\newenvironment{prelude}[1][\@empty]{%
  \begin{@prelude}
  \ifx\@empty#1\else\item[]\relax\footnotesize\hfill\textbf{#1}\fi
}{\end{@prelude}}
[@prelude]

```

```

\newenvironment{@prelude}{% opening part
  \begin{list}{$\bullet$}{%
    \def\fakeLabel##1{\textbf{##1}\hfill }%
    \let\makeLabel\fakeLabel%
    \leftmargin=0.5\linewidth\rightmargin=0pt%
    \topsep=0pt\itemsep=0pt\parsep=0pt%
    \labelwidth=1ex\labelsep=.75ex%
    \footnotesize}
}{% closing part
  \end{list}\par
  % \global\noindent@once
  \@afterheading
  \@checkend{@prelude}
}

```

4 Bibliography

```

[\doi]
\newcommand{\doi}[2][\empty]{%
  \href{https://doi.org/#2}{\ifx#1\empty\nolinkurl{#2}\else#1\fi}}
[\arxiv]
\newcommand{\arxiv}[2][\empty]{%
  \href{http://arxiv.org/abs/#2}{\ifx#1\empty\nolinkurl{#2}\else#1\fi}}

```

5 Index

```

82 \AtEndDocument{%
83   \phantomsection% required for hyperref package
84   \addcontentsline{toc}{chapter}{Index}%
85   \printindex}

```

6 Others

```

86 \endinput
</workbooktools.sty>

```