$\mathcal{AMS}$-TeXstyle file "hmjppt" User's Guide

This document explains how to use "hmjppt.sty" for the authors.

The purpose of "hmjppt.sty" is to create a TeX dvi file which fits to the style of "Hiroshima Mathematical Journal".

Specify hmjppt.sty

Specify "hmjppt" instead of "amsppt" as an argument of "documentstyle".

```
\documentstyle{hmjppt}
```

commands

The commands below are used to TeX each paper.

After using `\title`, use a tuple of `\author`, `\address`, `\curraddr`, `\email`, `\urladdr` for each of author, and then use `\maketitle`.

`\hmjlogo` Print "Hiroshima Math. J." at the top left of the first page. Because this is an editor command, please put this command without any arguments, like `\hmjlogo{}{}{}{}`

`\title` Specify title of your paper. Short title is optional, used at the header of each page.

> `\titel` *title* `\endtitle`

`\shorttitle` Specify short title of your paper. Short title is optional, used at the header of each page.

> `\shorttitel` *short title* `\endshorttitle`

`\thanks` Add foot note to the title.

> `\thanks` *foot note of the title* `\endthanks`

`\date` Print (received Xxx 00, 000) under the author's name. This will be handled later by the editor.

> `\date` *received date* `\enddate`

`\reviseddate` Print (revised Xxx 00, 000) under the received date. This will be handled later by the editor.

> `\daterevised` *revised date* `\enddaterevised`

`\grants` Describe the grants information. In current version of hmjart.cls, we can't set this command each author. If necessary, write "The first author is supported by .... The second author is ...."

> `\grants` *grants* `\endgrants`

\subjclassyear Specify sujclassyear. The Default is 2000.

>   \subjclassyear{2000}

\subjclass Specify classfication. See 'AMS 2000 Mathematics Subject Classification' (http://www.ams.org/msc/.)

>   \subjclass Primary *classfication code* Secondary *classfication code* \endsubjclass

\author Specify author's name.

>   \author *author name* \endauthor

\shortauthor Specify short author's name. Short author name is optional.

>   \shortauthor *short author name* \endshortauthor

\address The address is printed at the last page of the paper. Use \\ to break line.

>   \address *author's address* \endaddress

\curraddr Specify current address. curraddr is optional.

>   \curraddr *author's current address* \endcurraddr

\email Specify e-mail address.

>   \email *author's e-mail address* \endemail

\urladdr Specify your web page address. urladdr is optional.

>   \urladdr *author's home page address* \endurladdr

\qed \qed command is provided to mark end of proof. Authors don't have to use this command. But Q.E.D or other user defined mark is not recomended.

environment

assumption, corollary, definition, lemma, proof, proposition, remark and **theorem** environments are defined.

These environments starts by '*command name*' and ends by '\\end*command name*'

Please use these environments for definition etc.