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\documentclass[11pt,a4paper]{amsart}

\usepackage{amscd,amssymb,amsopn,amsmath,amsthm,graphics,amsfonts,enumerate,verbatim,calc}

%\usepackage[dvips]{graphicx}

%\usepackage[colorlinks=true,linkcolor=blue,citecolor=blue]{hyperref}

%\usepackage{showlabels}

%\input xy

%\xyoption{all}

\pagestyle{empty}

\textwidth=16cm \textheight=21.2cm \topmargin=0.5cm

\oddsidemargin=0.8cm \evensidemargin=0.8cm \headheight=15pt

\headsep=1cm \numberwithin{equation}{section}

\hyphenation{semi-stable} \emergencystretch=11pt

%\setcounter{page}{1}

\newtheorem{theorem}{Theorem}[section]

\newtheorem{proposition}[theorem]{Proposition}

\newtheorem{lemma}[theorem]{Lemma}

\newtheorem{corollary}[theorem]{Corollary}

\newtheorem{remark}[theorem]{Remark}

\newtheorem{example}[theorem]{Example}

\newtheorem{definition}[theorem]{Definition}

\numberwithin{equation}{section}

\begin{document}
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`\pagenumbering{gobble}`

`%\setcounter{page}{5}`

`\title{Title of the paper}`

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`\begin{abstract}`

Here is the abstract. `\vspace{0.2 cm}` \\

`{\bf Mathematics Subject Classification (2010):}` Here are the subjects see
`http://www.ams.org/msc/` \\

`{\bf Key words:}` Keyword 1, keyword 2, keyword 3.

`\end{abstract}`

`\maketitle`

`{\footnotesize\noindent{\it Article history:}}` \\

Received: Month x, year \\

Received in revised form: Month x, year \\

Accepted: Month x, year}

`\section{First Section}`

Here is the first section.

`\section{Second Section}`

We start this section by a definition (see `\cite{AK}`).

`\begin{definition}\label{d1}`

{\rm Here is the definition of the following {\it object}.}

`\end{definition}`

`\begin{example}\label{e1}`

{\rm Here is the example.}

`\end{example}`

The form associated with $p(x,D)$ is defined for $u, v \in \mathcal{C}_0^\infty(\mathbb{R}^n)$ by

`\begin{equation}\label{eq1}`

$$B(u,v) = \int \lim_{\epsilon \rightarrow 0} \int_{\mathbb{R}^n} p(x,D)u(x)v(x)dx.$$

`\end{equation}`

For $u, v \in H^1(\mathbb{R}^n)$

$$|B(u,v)| \leq C \|u\| \|v\|.$$

`\begin{proposition}\label{p1}`

Here is the proposition.

`\end{proposition}`

`\begin{proof}`

Here is the proof.

`\end{proof}`

`\begin{theorem}\label{t1}`

Here is the theorem.

```
\end{theorem}
```

```
\begin{proof}
```

Here is the proof of theorem.

```
\end{proof}
```

```
\begin{corollary}\label{c1}
```

Here is the corollary.

```
\end{corollary}
```

```
\begin{proof}
```

By Theorems `\ref{t1}` and `(\ref{eq1})` we find... .

```
\end{proof}
```

```
\begin{remark}\label{r1}
```

`{\rm Here is the remark.}`

```
\end{remark}
```

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\begin{thebibliography}{99}
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`\bibitem {AK} S. Albeverio and W. Karwowski, {\it Diffusion on p-adic Numbers}, in K. Ita and H. Hida (Eds.), {\it Gaussian Random Fields}, World Scientific, Singapore, 1991.`

`\bibitem {HD} A. Hohmann and P. Deuflhard, {\it Numerical Analysis in Modern Scientific Computing. An Introduction}, Springer, 2003.`

`\bibitem{XY}` A. Author, B. Author and C. Author, *{\it The Title of the Book}*, Publishing House, year.

`\bibitem{ZW}` A. Author, B. Author and C. Author, *{\it The title of the article}*, Journal Name **{\bf volume number(issue number)}** (year), pag-pag.

`\bibitem {K}` H. Kaneko, *{\it On (r,p)-capacities for Markov processes}*, Osaka J. Math. **{\bf 23(2)}** (1986), 325-336.

`\end{thebibliography}`

`\end{document}`