

```

\documentclass[10pt]{amsart}
\usepackage{graphicx}
\setcounter{page}{1}
\newtheorem{theorem}{Theorem}[section]
\newtheorem{lemma}[theorem]{Lemma}
\theoremstyle{definition}
\newtheorem{definition}[theorem]{Definition}
\newtheorem{proposition}{Proposition}
\newtheorem{example}[theorem]{Example}
\newtheorem{xca}[theorem]{Exercise}
\theoremstyle{remark}
\newtheorem{remark}[theorem]{Remark}
\numberwithin{equation}{section}
\newcommand{\abs}[1]{\lvert#1\rvert}
\newcommand{\blankbox}[2]{%
  \parbox{\columnwidth}{\centering
    \setlength{\fboxsep}{0pt}%
    \fbox{\raisebox{0pt}[#2]{\hspace{#1}}}}%
}
\begin{document}
  \noindent{\sc{IFSCOM2023}} \\
  {\sc\noindent{\small 9th ifs and contemporary mathematics and engineering conference }} \\
  {\sc\noindent{\small 08-11 July 2023 Tarsus, Mersin, Türkiye }} \\
  \noindent{pp: xy-zt} \\
  \title{short title}{full title here...}
  \author{S.Mxxxxxx}
  \address{author one}{xxxx university, yyyy department, post code,
    city, country}
  \curraddr{xxxx university, yyyy department, post code, city,
    country}
  \email{author one}{sxxxmyyyy@mail.com}
  %\thanks{The first author was supported in part by NSF Grant \#000000.}
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    city, country}
  \email{author two}{sxxxmyyyy@mail.com}
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    city, country}
  \email{author three}{sxxxmyyyy@mail.com}
  %\thanks{Support information for the second author.}
  %\subjclass[2000]{Primary xxx, yyyy; Secondary xxxx, yyyy}
  \date{May 1, 2021, accepted May 7, 2021.}
  %\dedicatory{This paper is dedicated to our advisors.}
  \keywords{Dxxx gxxx, Axxx gxxx}
  \begin{abstract}
    In this paper we .....
  \end{abstract}
  \maketitle
  \section{Introduction}
  The problems of existence,....
  \section{Preliminaries}\ \\
  We introduce notations,....
  \begin{definition}
    A one ...
  \end{definition}
  \begin{definition}
    We say that ...
  \end{definition}
  \begin{lemma}
    Let a be real valued ...
  \end{lemma}
  \section{Existence and Uniqueness of Mild Solution}
  \begin{theorem}
    Let a be
  \end{theorem}
  \begin{proof}

```

```
        Define a mapping ...
\end{proof}
\noindent \textbf{Example} \\
In order to ...
\begin{thebibliography}{}
  \bibitem {1} H. Oxxx, paper name, journal name, vol.x,N.yy, pp.aa-bb
  (year).\
  DOI number
  \bibitem {3} J. Axxx, book name, xxxx press, city, (year).
  \bibitem {4} M. xxx and D. Pxxx, presentation name, conference
  title, location, (year).
\end{thebibliography}
\end{document}
```