

# An Example for 'IWTSPROC' Class

Author1 Name, Author2 Name, Author3 Name

Author1 Name: First Author's Adress, e-mail:dot@det.edu,

Author2 Name: Second Author's Adress, e-mail:ot@det.edu,

Author3 Name: Third Author's Adress, e-mail:ut@det.edu

**Abstract.** This is an example article created by iwtsproc class. It contains necessary information in order to prepare an article for the proceeding book Proceedings of International Workshop on Theory of Submanifolds 2016.

We want to note that keywords and MSC 2010 Classification that you see below are random and their purpose is providing an example.

**Keywords.** latex guide · iwtsproc class · IWTS Proceedings Book.

**MSC 2010 Classification.** Primary: 41XXX; Secondary:42XXX · 43XXX.

## VERSION HISTORY

---

### Version 1:

Made available to public.

### Version 1.01:

- Special characters in the package "amssymb" can be added now. This includes but are not limited with `\varkappa`.
- The output of command `\maketitle` re-worked (Author does not need to change anything on the use of commands `\maketitle`, `\title`, `\author`, `\address`, `\email`, `\Keyword`, `\Abstract`, `\ClassPrimary`, `\ClassSecondary`).
- `\documentclass[finalversion]{iwtsproc}` works properly.

## 1 INTRODUCTION

---

International Workshop on Theory of Submanifolds (IWTS2016) which was held at Istanbul Technical University (ITU) in June, 2016 of one of the participants of IWTS2016. It was the second of workshops organized by Department of Mathematics after the first one, International Workshop on Finite Type Submanifolds, had held at ITU in September 2014. The web site of the workshop is [www.iwts2016.com](http://www.iwts2016.com).

This volume will include not only notes on the talks and discussions which took place and also short surveys and original papers on theory of submanifolds. Moreover, this volume will also cover a limited number of other topics in differential geometry.

30 For the future news about the submissions and upgrades of the cls file, please  
31 follow

32 <https://iwts2016.com/full-paper-submissions/>

33 Below, in order to show the format of the proceeding book, we want to  
34 present subsection and subsubsection.

### 35 **1.1 My Subsection**

36 This is an example subsection of the section 1.

#### 37 *1.1.1. A subsubsection*

38 This is a subsubsection of the subsection 1.1.

### 39 **1.2 Another subsection**

40 This is another subsection.

## 41 **2 PREPARATION OF MANUSCRIPT BY USING** 42 **THE ‘IWTSPROC’ CLASS**

---

43 ‘iwtsproc’ class uses and, thus, requires packages amsfonts, amsmath, amsthm,  
44 amssymb, color and xstring.

### 45 **2.1 Section and Subsections**

46 Authors can use `\section`, `\subsection` or `\subsubsection` in order to start  
47 section, subsection or subsubsection, respectively.

48 All theorem and equation numbers must be formatted as (x.y), where x is  
49 the section number of section and y is number of either theorem or equation.

#### 50 *2.1.1. Abstract, Keywords and MSC 2010 Classification.*

51 The abstract should provide clear information about the research and the results  
52 obtained, and should not exceed 200 words. Please provide key words or phrases,  
53 MSC numbers to enable retrieval and indexing. Acronyms should be avoided.

54 Authors should use commands `\Abstract`, `\Keyword`, `\ClassPrimary` as  
55 `\ClassSecondary` (see the beginning of latex file)

#### 56 *2.1.2. Acknowledgements and/or disclaimers, if any*

57 If necessary, authors can use `\acknowledgm` command. An example is as follow-  
58 ing.

59 `\acknowledgm{`  
60 `The first named authors thanks to (...). The second named author is supported by (...).}`  
61 whose printout is as following.

## 62 ACKNOWLEDGEMENTS

---

63 The first named authors thanks to (...). The second named author is supported by (...).

64 The Acknowledgements section should be before the References and names  
65 of funding organizations should be written in full.

### 66 2.2 Theorem Environments

67 iwtsproc class provides the following theorem environments.

name	printout	Theorem style
thm	Theorem	plain
crl	Corollary	plain
lem	Lemma	plain
prop	Proposition	plain
defn	Definition	definition
rem	Remark	remark
exmp	Example	remark

69 All of these environments shares the same counter which prepend the section  
70 number to all equation numbers. For example the printout of the latex code

```
71 \begin{thm}
72 ggfhhsddfjs hsdhsdhj hsdhfshfh
73 \end{thm}
74
75 \begin{rem}
76 uuuu vvv www
77 \end{rem}
```

78 is the following.

79 **Theorem 2.1.** *ggfhhsddfjs hsdhsdhj hsdhfshfh*

80 *Remark 2.2.* uuuu vvv www

81

### 82 2.3 Tables and Figures

83 Authors can use environments `tabular`, `table` or the command `\includegraphics`  
84 in order to add a table or a figure (See Table 1 for an example).

Integral submanifold of D	Integral curve of $e_4$	The hypersurface obtained
Congruent to $\mathbb{H}_0^2$	The case (i)	The case (3)
Congruent to $\mathbb{S}_0^2$	The case (ii)	The case (5)

Table 1: An example of table

85 **2.4 References**

86 References must be listed in alphabetical order at the end of the article and  
87 numbered in square brackets. Within the manuscript, cite references by their  
88 given number, again in square brackets. Do not use individual sets of brackets  
89 for citation numbers that appear together, e.g., [2,6], not [2], [6]. References  
90 should be formatted as follows (please note the punctuation and capitalisation):

91 **REFERENCES**

---

- 92 [1] B. Y. Chen, *Total mean curvature and submanifolds of finite type*, World  
93 Scientific, Singapor-New Jersey-London, 1984.
- 94 [2] M. B. Nathanson, *One, two, many: individuality and collectivity in math-*  
95 *ematics*. In *The Best Writing on Mathematics 2011*. Princeton, NJ, USA:  
96 Princeton University Press, 2012, pp. 43-51.
- 97 [3] B. Y. Chen, *Finite type pseudo-Riemannian submanifolds*. Tamkang J. of  
98 Math, vol. 17, no 2 (1986), 137-151.
- 99 [4] P. Luszczek P, J. Dongarra, Design of interactive environment for numer-  
100 ically intensive parallel linear algebra calculations. In *Computational Sci-*  
101 *ence ICCS 2004 4th International Conference Proceedings*. June 69, 2004,  
102 Krakow, Poland. 270-277 (2004).