# Specialities

# Son To

# June 9th, 2016

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### 1 Bibliograhy

Partl [2] has proposed that ...

#### References

[2] H.Partl: German T<sub>E</sub>X, TUGboat Volume 9, Issue 1 (1988)

### 2 A lesson in Bib TeX

The next tutorial is taken from the following link:

https://www.latex-tutorial.com/tutorials/beginners/latex-bibtex/

See Appendix.tex for the tutorial in  $\mathrm{Bib}LaTeX$  The steps are:

- 1. Create .bib file
- 2. Following the sequence:  $LaT_EX$ ,  $BibT_EX$ ,  $LaT_EX$ ,  $LaT_EX$ . The result will be: Random citation [1] is embedded in the text.

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#### References

[1] J. Doe, The book without title. Dummy publisher, 2010.

### 3 Including Encapsulated PostScript(.eps)

driver=dvips, the most popular 'dvi to POSTSCRIPT' converter program, but this is sucked in PDF!

Gale@"textbfGale-Shapley algorithm
match@"textsltwo-sided match-ing theory
game theory—textbf



Figure 1: This is my picture

### 4 Indexing

Consider the following paragraph:

Gale-Shapley algorithm The Gale-Shapley algorithm forms a basic cornerstone for the study of two-sided matching theory, one of the subfields of game theory.

Remember to run

#### makeindex filename

to initiate the creation of .ind file, which contains the sorted index and is processed by the input latex document.

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## $\mathbf{Index}$

Gale-Shapley algorithm, 3 game theory, 3

 $two\text{-}sided\ matching\ theory,\ 3$ 



# 5 Fancy Headers

The default headers and footers in  $\LaTeX$  are defined by  $\mathbf{\}$  and  $\mathbf{\}$ 

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