

Job searching engine based on Gale-Shapley stable matching algorithm

Piotr Staniów

Department of Computer Science
Faculty of Fundamental Problems of Technology
Politechnika Wrocławska

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inżynier

Abstract

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Chapter 1

Introduction

Information Technology labour market is quite distinct from others in terms of how people tend to seek for a job. Position requirements for a programmer are often very concise and precise, therefore it is feasible to quantify the skills and requirements an applicant has.

In recent years, a handful of job searching websites dedicated solely to programmers emerged on the internet and presented rather unique approach to filtering jobs. It is now preferable to put emphasis on programming languages, technologies, libraries and frameworks which are involved in the post, rather than let users search by keywords and skim through a block of text within the offer.

Chapter 2

My First Chapter But Note The Numbering ...

2.1 First Paragraph

And now I begin my first chapter here ...

Here is an equation¹:

$$CIF : \quad F_0^j(a) = \frac{1}{2\pi i} \oint_{\gamma} \frac{F_0^j(z)}{z-a} dz \quad (2.1)$$

2.2 Second Paragraph

and here I write more ...[Knuth \[1984\]](#)

2.2.1 sub first paragraph

... and some more ...

Now I would like to cite the following: [Lamport \[1986\]](#) and [Knuth \[1984\]](#) and [Rudin \[1973\]](#).

I would also like to include a picture ...

¹the notation is explained in the nomenclature section :-)

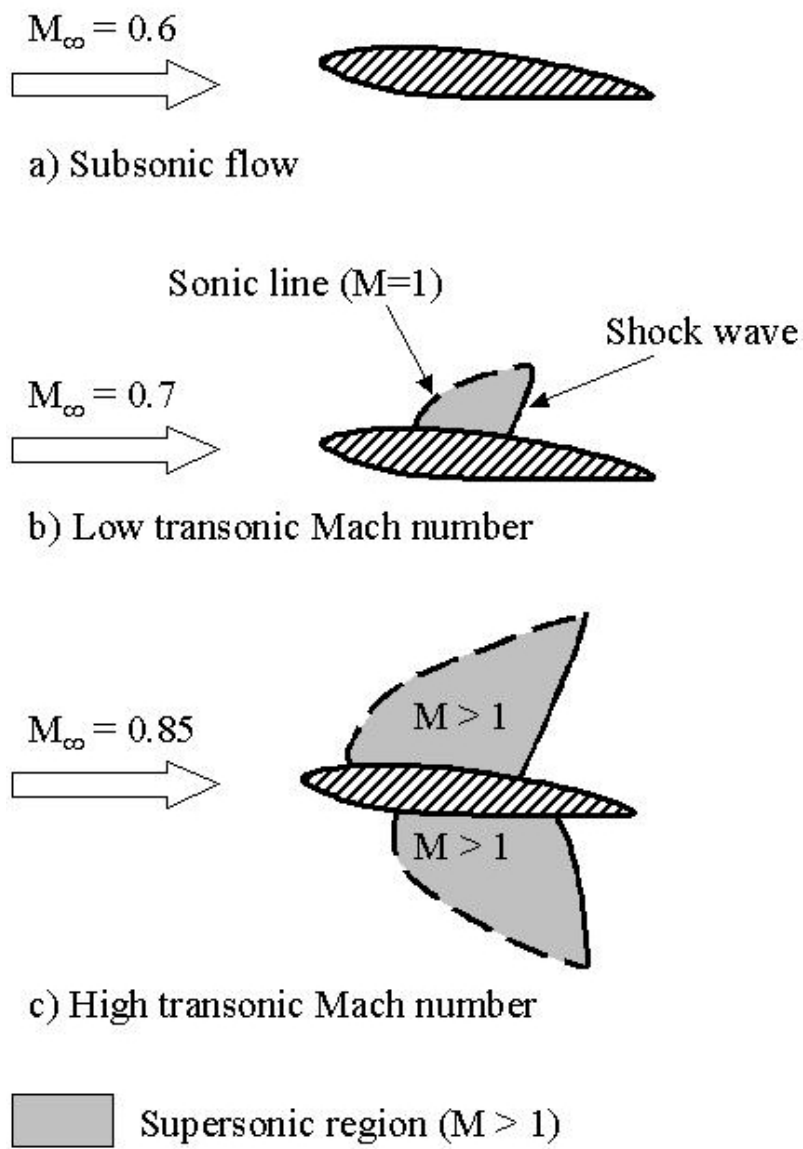


Figure 2.1: Airfoil Picture

So as we have now labelled it we can reference it, like so (2.1) and it is on Page 3. And as we can see, it is a very nice picture and we can talk about it all we want and when we are tired we can move on to the next chapter ...

I would also like to add an extra bookmark in acroread like so ...

Chapter 3

My Second Chapter

3.1 First Section

nd now I begin my second chapter here ...

3.2 Second Section

nd here I write more ...

3.2.1 first subsection in the Second Section

... and some more ...

3.2.2 second subsection in the Second Section

... and some more ...

3.2.3 third subsection in the Second Section

... and some more ...

Chapter 4

My Third Chapter

4.1 First Section of the Third Chapter

And now I begin my third chapter here ...

4.1.1 first subsection in the First Section

... and some more

4.1.2 second subsection in the First Section

... and some more ...

4.1.2.1 first subsub section in the second subsection

... and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it ...

4.1.3 third subsection in the First Section

... and some more ...

4.1.3.1 first subsub section in the third subsection

... and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it and some more and some more and some more and some more and some more and some more and some more and some more ...

4.1.3.2 second subsub section in the third subsection

... and some more in the first subsub section otherwise it all looks the same doesn't it? well we can add some text to it ...

4.2 Second Section of the Third Chapter

and here I write more ...

Chapter 5

My Conclusions ...

Here I put my conclusions ...

Appdx A

and here I put a bit of postamble ...

Appdx B

and here I put some more postamble ...

References

Donald E. Knuth. *The T_EXbook*. Addison-Wesley, 1984. [2](#)

Leslie Lamport. *L^AT_EX: A Document Preparation System*. Addison-Wesley, 1986.
[2](#)

W. Rudin. *Functional Analysis*. McGraw-Hill, New York, 1973. [2](#)