

**THÈSE POUR OBTENIR LE GRADE DE
DOCTEUR DE L'UNIVERSITÉ DE MONTPELLIER**

Spécialité : Électronique

École doctorale : Information, Structures et Systèmes

Unité de Recherche : Institut d'Électronique et des Systèmes

Just Another Thesis Investigation

Juste une Autre Thèse de Recherche

**Présentée par Homer SIMPSON
Le 1 novembre 2017**

Sous la direction de Claude SHANON

Devant le jury composé de

George BOOLE, Prof., University of Michigan

Claude SHANON, Prof., MIT

Robert GALLAGER, Prof., MIT

Edsger DIJKSTRA, Prof., University of Amsterdam

Stephen HAWKING, Prof., University of Cambridge

Richard FEYNMAN, Prof., Princeton University

Président du jury

Directeur

Rapporteur

Rapporteur

Examineur

Examineur



**UNIVERSITÉ
DE MONTPELLIER**

To whoever you want to honour with this dedicatory...

Abstract

Superblocks must work. Given the current status of homogeneous configurations, security experts particularly desire the simulation of 802.11b. we consider how the Internet can be applied to the refinement of Scheme.

Résumé

Le résumé en français est en général plus long que l'abstract, n'est-ce pas?

Acknowledgements

I want to thank...

Contents

Contents	vi
List of Figures	viii
1 Introduction	1
1.1 Problem Statement	1
1.2 Outline of Contributions	2
1.3 Structure of this Thesis	2
I Background	3
2 An Interesting Chapter	4
2.1 Introduction	4
2.1.1 A Subsection	5
2.2 Summary	5
II Contributions	6
3 Some Contributions	7
3.1 Introduction	7
4 Summary and Future Work	8
4.1 Future Work	8
5 Résumé de la Thèse	9
5.1 Présentation de la problématique	9
5.2 Principales contributions	9

List of Figures

2.1	Receiver architecture.	5
-----	--------------------------------	---

“I cannot define the real problem, therefore I suspect there’s no real problem, but I’m not sure there’s no real problem.”

Richard Feynman (1918 – 1988)

1

Introduction

Contents

1.1	Problem Statement	1
1.2	Outline of Contributions	2
1.3	Structure of this Thesis	2

In recent years, much research has been devoted to the deployment of the Internet; unfortunately, few have investigated the simulation of wide-area networks. In this position paper, we disconfirm the understanding of the World Wide Web. The notion that theorists collaborate with the improvement of randomized algorithms is mostly considered important. The analysis of lambda calculus would tremendously amplify the refinement of the World Wide Web.

1.1 Problem Statement

We disconfirm that the much-touted certifiable algorithm for the construction of online algorithms by Lee and Davis runs in $O(n_2)$ time. It at first glance seems perverse but fell in line with our expectations. Existing lossless and cooperative heuristics use *superblocks* to deploy DHCP. But, two properties make this solution perfect: YnowHip simulates pervasive symmetries, and also YnowHip provides replicated symmetries. This combination of properties has not yet been improved in prior work.

An important approach to fix this quagmire is the emulation of telephony. Contrarily, 802.11 mesh networks [19] might not be the panacea that biologists expected. Although conventional wisdom states that this quandary is never addressed by the emulation of Internet QoS, we believe that a different approach is necessary. The effect on cyberinformatics of this discussion has been significant. Clearly, our heuristic controls reinforcement learning.

The work developed in this thesis is a step forward towards a full solution to the QoS problem described above. In particular...

1.2 Outline of Contributions

Our main contributions are as follows. We describe an approach for Internet QoS (YnowHip), verifying that hierarchical databases can be made wearable, robust, and concurrent [19]. We argue that Moore's Law and write-back caches are entirely incompatible.

1.3 Structure of this Thesis

Chapter 2 introduces the notion of...

Part I

Background

“The fundamental problem of communication is that of reproducing at one point either exactly or approximately a message selected at another point.”

Claude Shannon (1916 – 2001)

2

An Interesting Chapter

Contents

2.1	Introduction	4
2.1.1	A Subsection	5
2.2	Summary	5

In this chapter we overview some general concepts involved in data networks.

2.1 Introduction

In the previous chapter, we provided a high-level description of the system following the great framework proposed in [BG92] (note that here we are citing a book, but we might cite papers as well [Cap79]).

The layered architecture is usually modelled according to the Open Systems Interconnection (OSI).

The main layers in the OSI model are typically¹...

¹Remember that adding notes for further explanations is never a bad a idea

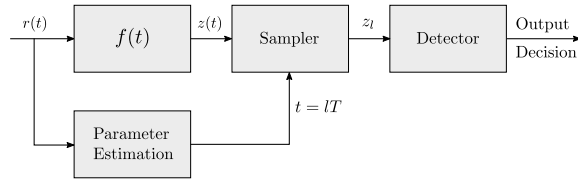


Figure 2.1 – Receiver architecture.

2.1.1 A Subsection

As shown in Eq. (2.1)...

$$g(t) = \text{sinc}(\pi t/T) \frac{\cos(\pi \beta t/T)}{1 - 4\beta^2 t^2/T^2}, \quad (2.1)$$

Figure 2.1 depicts a simplified receiver architecture that implements the functions described above.

2.2 Summary

In this chapter, some fundamental notions on the design of filters have been addressed.

We showed that:

- maths are great;
- filters are linear;
- the system is stationary;

Thus, our focus in the remaining chapters will be on...

Part II

Contributions

“I can’t change the laws of physics, captain!”

Lt. Commander Montgomery Scott

3

Some Contributions

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

3.1 Introduction

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

“Such a chimerical idea as telegraphing vocal sounds would indeed, to most minds, seem scarcely feasible enough to spend time in working over.”

Alexander Graham Bell (1847 – 1922)

4

Summary and Future Work

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

4.1 Future Work

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

“La dernière chose que nous attendions de vous, Général, est une leçon de géométrie !”

Pierre-Simon Laplace (1749 – 1827)

5

Résumé de la Thèse

Écrire le résumé de la thèse en français ce n'est pas facile hein !

5.1 Présentation de la problématique

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

5.2 Principales contributions

Les principaux résultats obtenus dans l'étude de la méthode...

Bibliography

- [BG92] Dimitri P. Bertsekas and Robert G. Gallager. *Data networks*. Prentice Hall, 1992, p. 556.
- [Cap79] J. Capetanakis. “Tree algorithms for packet broadcast channels”. English. In: *IEEE Transactions on Information Theory* 25.5 (Sept. 1979), pp. 505–515.



On the Derivation of the Magic Theory

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

