



# Sistemas Distribuidos I (75.74)

## Paper

### Análisis de Sistemas Distribuidos Actuales

#### Docentes

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|-------------------|---------------------|-------------------|
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| ■ Guido Albarello | ■ Franco Barreneche | ■ Nicolás Zulaica |



## How to Read a Paper

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### ABSTRACT

Researchers spend a great deal of time reading research papers. However, this skill is rarely taught, leading to much wasted effort. This article outlines a practical and efficient *three-pass method* for reading research papers. I also describe how to use this method to do a literature survey.

### 1. INTRODUCTION

Researchers must read papers for several reasons: to review them for a conference or a class, to keep current in their field, or for a literature survey of a new field. A typical researcher will likely spend hundreds of hours every year reading papers.

Learning to efficiently read a paper is a critical but rarely taught skill. Beginning graduate students, therefore, must learn on their own using trial and error. Students waste

4. Read the conclusions

5. Glance over the references, mentally ticking off the ones you've already read

At the end of the first pass, you should be able to answer the *five Cs*:

1. *Category*: What type of paper is this? A measurement paper? An analysis of an existing system? A description of a research prototype?

2. *Context*: Which other papers is it related to? Which theoretical bases were used to analyze the problem?

3. *Correctness*: Do the assumptions appear to be valid?

4. *Contributions*: What are the paper's main contribu-

<https://drive.google.com/file/d/10ZoKhcoyXyxjVJ1iXohbNiSjQpyCuF69/view?usp=sharing>



Alumnos	Producto	Título	Link
COLAVECCHIA, T. KASMAN, L	Borg	Large-scale cluster management at Google with Borg	<a href="https://drive.google.com/file/d/1CEN83Mocg9wKCI86BuLDCF7xr9M6NNH5/view?usp=sharing">https://drive.google.com/file/d/1CEN83Mocg9wKCI86BuLDCF7xr9M6NNH5/view?usp=sharing</a>
GRASSANO, B. BATASTINI, F.	Kafka	Kafka: a Distributed Messaging System for Log Processing	<a href="https://drive.google.com/file/d/13f79uQdm6vwPFrK7LbgFf4OykZUihh1s/view?usp=sharing">https://drive.google.com/file/d/13f79uQdm6vwPFrK7LbgFf4OykZUihh1s/view?usp=sharing</a>
PEREIRA, F. DIAZ, J.	Turbine	Turbine: Facebook's Service Management Platform for Stream Processing	<a href="https://drive.google.com/file/d/18aQRHCTjS65RG_5s4bXm-tJ1l5LW6e4-/view?usp=sharing">https://drive.google.com/file/d/18aQRHCTjS65RG_5s4bXm-tJ1l5LW6e4-/view?usp=sharing</a>
PAREJA, F. AMEZQUETA, A. PEREZ ANDRADE, V.	Dynamo	Dynamo: Amazon's Highly Available Key-value Store	<a href="https://drive.google.com/file/d/17kf9TIIQsAnC166udMFYFEYe1HiY8NeB/view?usp=sharing">https://drive.google.com/file/d/17kf9TIIQsAnC166udMFYFEYe1HiY8NeB/view?usp=sharing</a>



Alumnos	Producto	Título	Link
PRADA, J. GUERREÑO, L.	Spanner	Spanner: Google's Globally-Distributed Database	<a href="https://drive.google.com/file/d/1Ddy6aNRvZ84pDHI3m01b8zsjk7A54_G6/view?usp=sharing">https://drive.google.com/file/d/1Ddy6aNRvZ84pDHI3m01b8zsjk7A54_G6/view?usp=sharing</a>
KELMAN, A. CASERIO, J.	ZooKeeper	ZooKeeper: Wait-free coordination for Internet-scale systems	<a href="https://drive.google.com/file/d/12RnWCHsjRzc7i46ckcyMETwRUCEU8NuN/view?usp=sharing">https://drive.google.com/file/d/12RnWCHsjRzc7i46ckcyMETwRUCEU8NuN/view?usp=sharing</a>
DE ANGELIS RIVA, L. BUZZONE, M.	Zanzibar	Zanzibar: Google's Consistent, Global Authorization System	<a href="https://drive.google.com/file/d/14EgftcPO7_5wP2YO9Ato-zZCmB2ejlGf/view?usp=sharing">https://drive.google.com/file/d/14EgftcPO7_5wP2YO9Ato-zZCmB2ejlGf/view?usp=sharing</a>
WALDMAN, L. BERGMAN, G.	Chubby	The Chubby lock service for loosely-coupled distributed systems	<a href="https://drive.google.com/file/d/1CKrICJ6hSzrawZsn1D_neCt6lICjeuy2/view?usp=sharing">https://drive.google.com/file/d/1CKrICJ6hSzrawZsn1D_neCt6lICjeuy2/view?usp=sharing</a>



- Fecha de exposición:
  - 31/10/2023
- Modalidad de entrega:
  - Exposición presencial (hasta 25 mins en total)
    - Explicación breve (hasta 15 mins).
    - Soporte de diapositivas de resumen.
    - Preguntas y discusión (hasta 10 mins).