

# RESEARCH METHODS FOR DATA SCIENCE

Assoc. Prof. Dr. Salha Alzahrani  
Department of Computer Science

# Step 8: Writing a research paper



My Notes

~The art of  
scientific  
writing

~Did I  
plagiarize?

# Remarks before writing your paper!

---



Critically analyze information sources and research papers that you find.



## Distinguish research papers of good quality based on:

- Number of citations for the paper.
- Impact factor of the journal wherein the paper published.



When you're ready to write, use a guide to structure your paper.

# CITE WHAT YOU FIND USING A STANDARD FORMAT

---



**Give credit** where credit is due; cite your sources.



**Citing the sources used in your research serves two purposes:**

- It gives proper credit to the authors of the materials used
- It allows those who are reading your work to value your research and locate the sources that you have listed as references.

# CITE WHAT YOU FIND USING A STANDARD FORMAT

---



Knowingly using the work of others as your own (i.e. without using proper citation) is called **plagiarism**.



Use one of the standard citation styles such as the **APA** and utilize a citation manager such as the **EndNote, Mendeley, etc.**

# What is Impact Factor?

---

**The impact factor (IF)** of an academic journal is a measure reflecting the average number of citations to recent articles published in the journal.

- ❖ Indicate the importance of a journal within its field
- ❖ Proposed by Eugene Garfield, the founder of the Institute for Scientific Information (ISI).
- ❖ Impact factors are calculated yearly for those journals that are indexed in the Journal Citation Reports (JCR).



---

**LEARN THE  
PUBLICATION**

# Learn the publication

---

(G. H. Zhou, 2009)

Scientists publish to **share** with the **research community** findings that **advance knowledge and understanding**

- To present new, original results or methods
- To rationalize published results
- To present a review of the field or to summarize a particular topic.

# Don't waste space

---

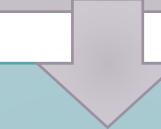
“Vigorous writing is **concise**. A sentence should contain no unnecessary words, a paragraph no unnecessary sentences, for the same reason that a drawing should have no unnecessary lines and a machine no unnecessary parts. This requires not that the writer make all his sentences short, or that he/she avoid all detail and treat his subjects only in outline, but that **every word tell**”

(Strunk, 1918)

# Cut out details

## *Moving from dissertation/thesis to paper*

In order for URL queries to be examined, the URLs need to be tokenized. The process of URL tokenization is often made up of two steps. The first step involves the extraction of URL segments by splitting the URLs on non-alphanumeric characters. Given a URL, slashes can easily split the URL into several segments (Song et al., 2006). Similarly, URLs can also be tokenized on punctuation (., /) as suggested by Collins-Thompson et al. (2002) and Ogilvie and Callan (2003). However, recent research studies (Deepak and Khemani, 2006; Hinne et al., 2009; Kan, 2004; Kan and Thi, 2005) seem to agree on the use of non-alphanumeric characters to split the URL string into several segments.



URL tokenization is usually achieved by a further breakdown of these segments into more refined URL tokens if multiple words are concatenated to form one segment. Kan (2004) suggests that there should be a more refined segmentation of the URL segment if a transition between digits, uppercase and lowercase is observed. In a similar vein, raw URL segments should be broken down into smaller tokens which are substrings of words (Hinne et al., 2009; Kan and Thi, 2005).

# Quality of Abstract

---

**The quality of an abstract will strongly influence the editor's decision**

**A good abstract:**

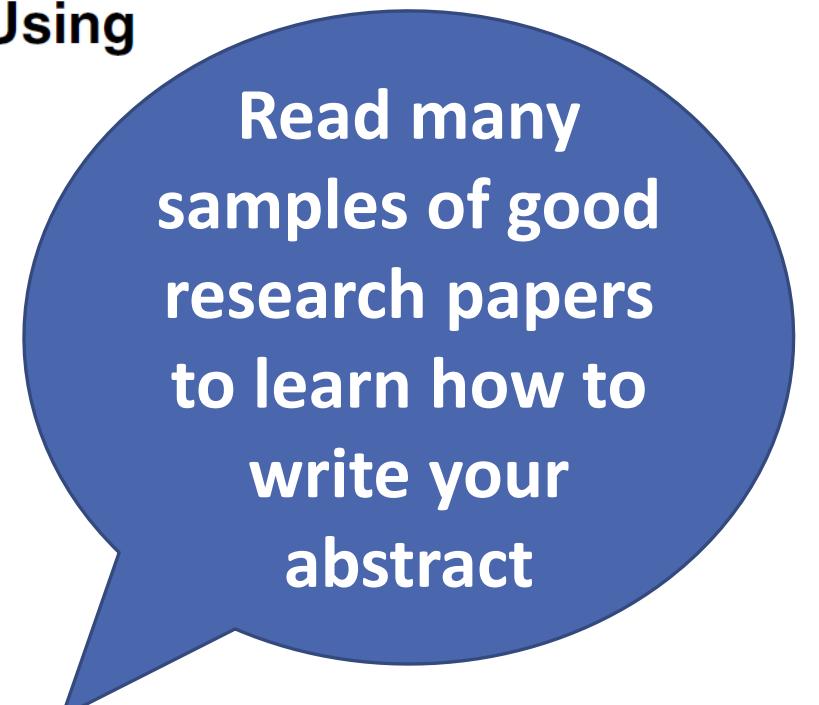
- Is precise and honest
- Can stand alone
- Uses little to no technical jargon or acronyms.
- Is brief and specific
- Cites no references

# Abstract

---

## Can the Quality of Scientific Work Be Predicted Using Information on the Author's Track Record?

Many countries are moving towards research policies that emphasize excellence; consequently, they develop evaluation systems to identify universities, research groups, and researchers that can be said to be “excellent.” Such active research policy strategies, in which evaluations are used to concentrate resources, are based on an unsubstantiated assumption that researchers’ track records are indicative of their future research performance. In this study, information on authors’ track records (previous publication volume and previous citation rate) is used to predict the impact of their articles. The study concludes that, to a certain degree, the impact of scientific work can be predicted using information on how often an author’s previous publications have been cited. The relationship between past performance and the citation rate of articles is strongest at the high end of the citation distribution. The implications of these results are discussed in the context of a cumulative advantage process.



Read many samples of good research papers to learn how to write your abstract

# *Traps to Avoid in Abstract*

---

## ***Example:***

“This paper presents an innovative set of tools developed to support a methodology to design and upgrade wastewater treatment systems (WTS). Previous work by Grey (2004), Lacey (2001) and others ...This paper illustrates the merits of these tools to make the innovative methodology of interest to everyone involved in WTS and will become the new design standard worldwide.”

## ***Better to avoid:***

- Abbreviations, references (save for the introduction), and exaggerated conclusions

# Keywords

---

- Keywords are important for indexing, Enable your manuscript to be more easily identified and cited, Help editor to find the right reviewers, Keywords should be specific, Avoid uncommon abbreviations and general terms

2009 International Association of Computer Science and Information Technology - Spring Conference

## Work in Progress: Developing Arabic Plagiarism Detection Tool for E-Learning Systems

*Keywords-development, system, computer program, E-learning system*



**Bad Keywords**

*Keywords-E-Learning web-enabled tool, plagiarism detection, Arabic*



**Good Keywords**

# Introduction

---

Provide the necessary **background** information to put your work into context

It should be clear from the introduction:

- Why the current work was performed:
  - **aims**
  - **significance**
- What has been done before
- What was done (in brief terms)
- What was achieved (in brief terms)

# Introduction: *the Good and the Bad*

---

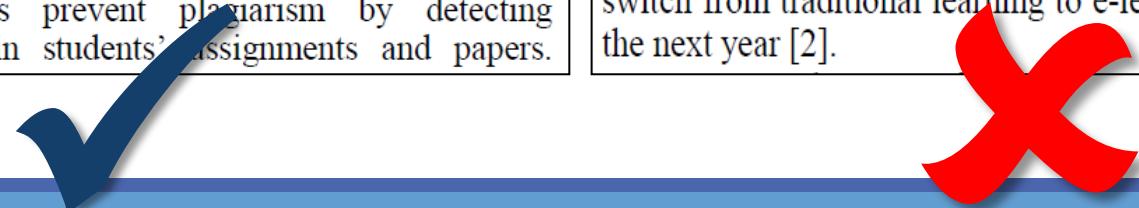
2009 International Association of Computer Science and Information Technology - Spring Conference

## **Work in Progress: Developing Arabic Plagiarism Detection Tool for E-Learning Systems**

Several other tools have been developed for plagiarism detection such as Diff [12], SCAM [13], COPS [14], KOALA [15], SSK [16], CHECK [17], MDR [18-20], PPChecker [21], SNITCH [22], and Ferret [3, 16, 23, 24]. They use variety of document characteristics that entail different plagiarism detection approaches such as fingerprinting and fuzzy information retrieval [25].

However, most current tools are meant for English. That reflects the need of highlighting the problem of plagiarism in Arabic documents and developing tools for cheating detection. Therefore, our designed plagiarism prevention tool can help educators prevent plagiarism by detecting unoriginal content in students' assignments and papers.

E-Learning systems have gained popularity as a valuable educational environment in the past few decades. Recent advances in networks, multimedia and information technology have contributed to the attractiveness of e-learning systems. Recently, Saudi Arabia (SA) has emerged the use of e-learning systems in universities and schools. According to a study conducted by Madar Research [1], e-learning industry in SA is projected to grow up significantly in the next five years. It is expected for SA universities to switch from traditional learning to e-learning systems within the next year [2].



# Methodology

---

should be the bulk of the paper

must provide sufficient information so that a

**knowledgeable reader can reproduce the experiment**

Methods can include statistical, historical, sampling and/or theoretical Where appropriate, actual examples of the use of the methodology should be included (case studies)

Equations, algorithms, flow charts and figures/tables are often included in the methodology section for descriptive purposes

# Experiments

---

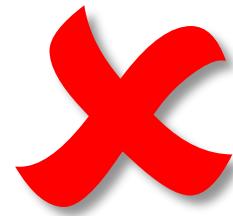
## DO

- Cite source of data
- Use figures and tables to summarize results
- Explain setup clearly



## DON'T

- Duplicate data among tables, figures and text
- Use graphics to illustrate data that can easily be summarized with text



# Graphics

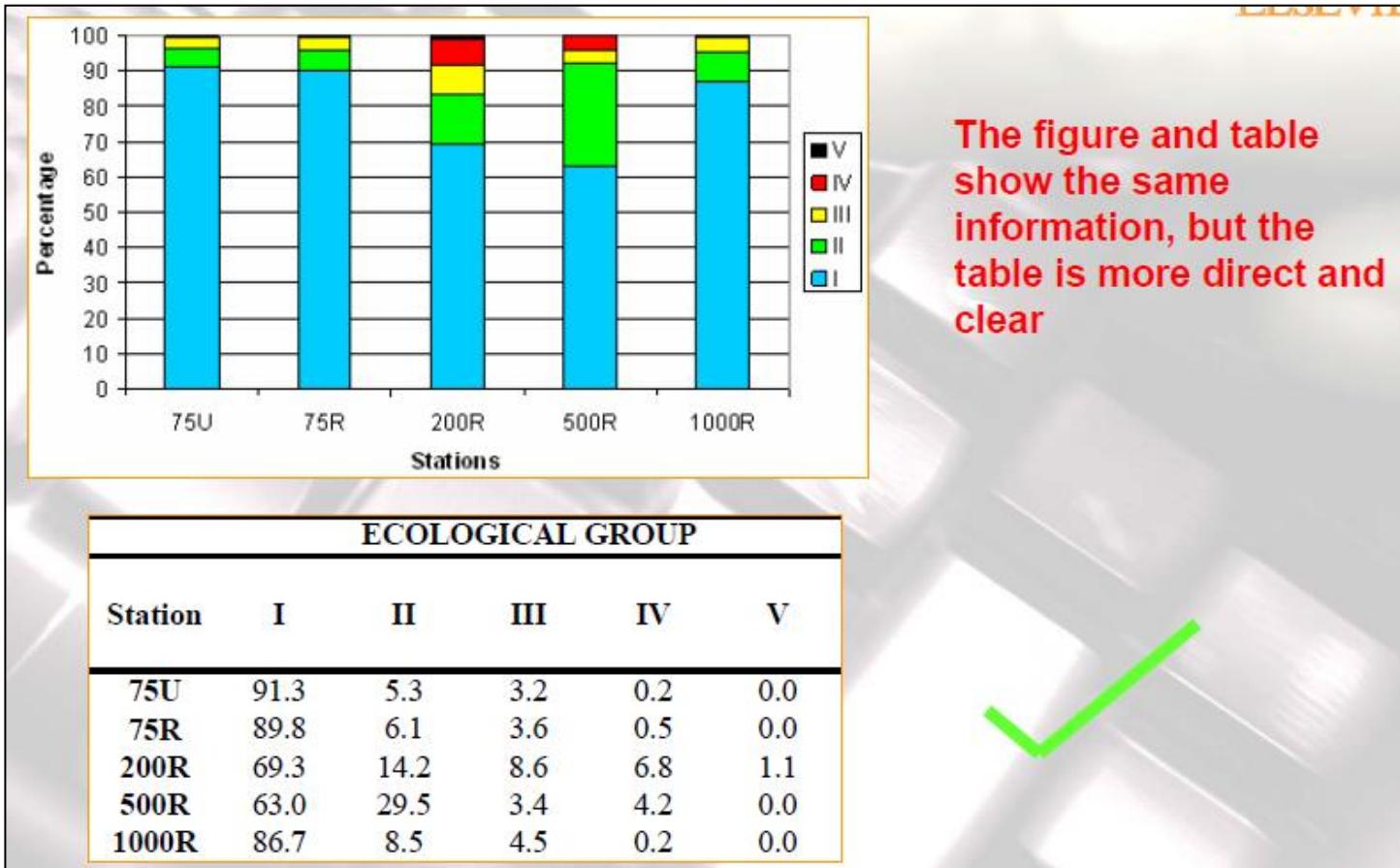
---

Figures and tables are **the most effective way to present experimental/computational results**

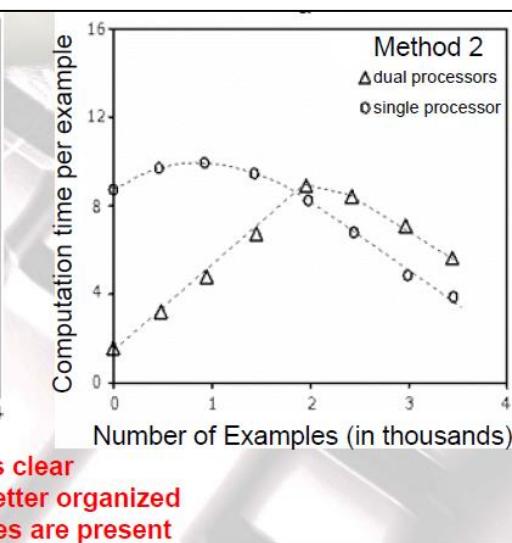
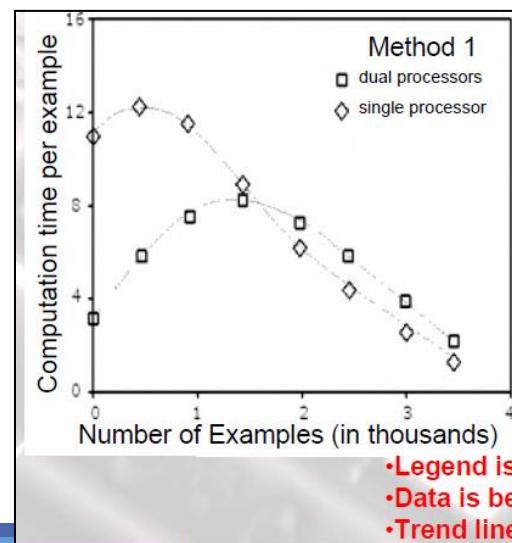
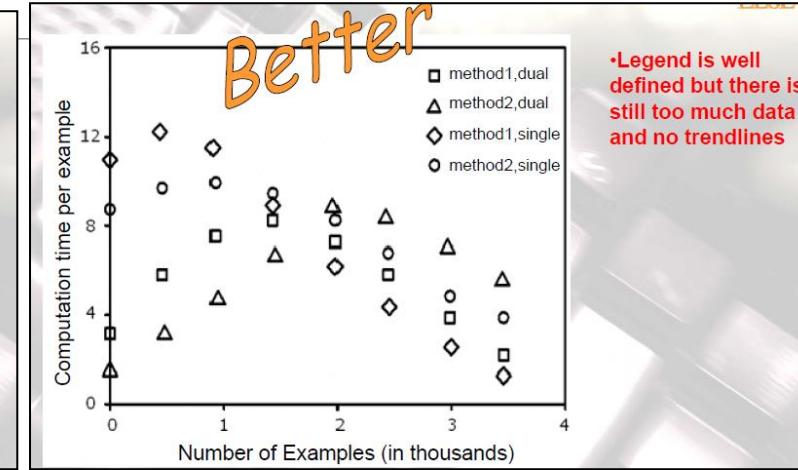
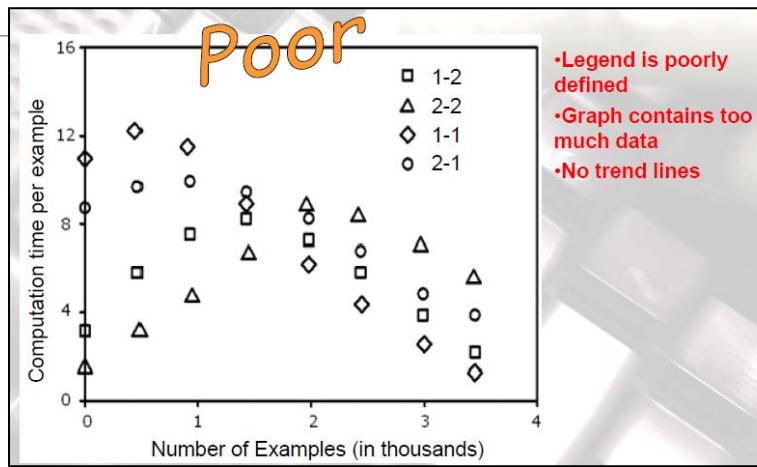
**BUT:**

- Captions should be able to stand alone, such that the figures and tables are understandable without the need to read the entire manuscript
- data represented should be easy to interpret
- Colour should only be used when necessary
- Graphics should only be used to show essential data; summarize data in the text where possible

# Decide Table or Figure?



# Think of your Figure?



**Best**

# Conclusion

---

Avoid **downplaying** negative results and deeming them significant

When there is no proof, make statements based on personal opinion without scientific support ...

*Example:*

“Although the statistical analysis did not provide a reasonable level of significance, we believe that the methodology is a valid approach towards the design of new wastewater treatment facilities. In fact, we argue that these methods could be adopted to the design of any treatment system worldwide.”

# Conclusion

---

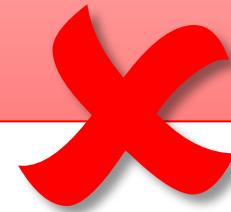
## DO

- Put your results into CONTEXT
- Summarize concisely
- Describe how it represents an advance in the field
- Suggest future directions and open problems



## DON'T

- Avoid repetition with other sections
- Avoid being overly speculative
- Don't over-emphasize the impact of your work



# References

---

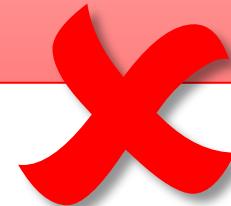
## DO

- Check the Guide for Authors for the correct format
- Check Spelling of author names
- Number of authors to include before using “et al.”
- Reference style



## DON'T

- Cite articles published only in the local language
- Excessive self-citation
- Citation of published journal papers is preferred over citations of conference proceedings or technical reports



# References

*small things matter !*

---

**Citations should be grammatically correct within the text of the paper**

“Using the method of (Smith, 1999), we...” 

“Using the method of Smith (1999), we...” 

“Using the method of data clustering (Smith, 1999), we...” 

# Publishers do want quality !

---

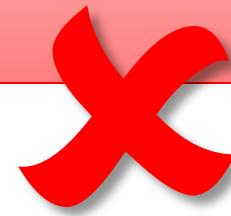
## WANTED

- Originality
- Significant advances in field
- Readability



## NOT WANTED

- Duplications
- Reports of no scientific interest
- Work out of date
- Unreadable



# Common Mistakes!

---

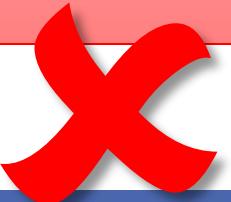
## DO

- Follow the Guide to Authors for word/page limit
- Outline the problem and describe the results
- Ensure that the literature cited is balanced, up to date and relevant
- Reference format (EndNote can do this automatically)
- Word/LaTex template



## DON'T

- Write an extensive review of the field
- Cite your own studies or those of colleagues disproportionately while ignoring contradictory studies or those of competitors
- Minimize or dismiss contributions made by others



---

# LEARN PUBLICATION ETHICS



# Think about reviewing process

---

Do know area

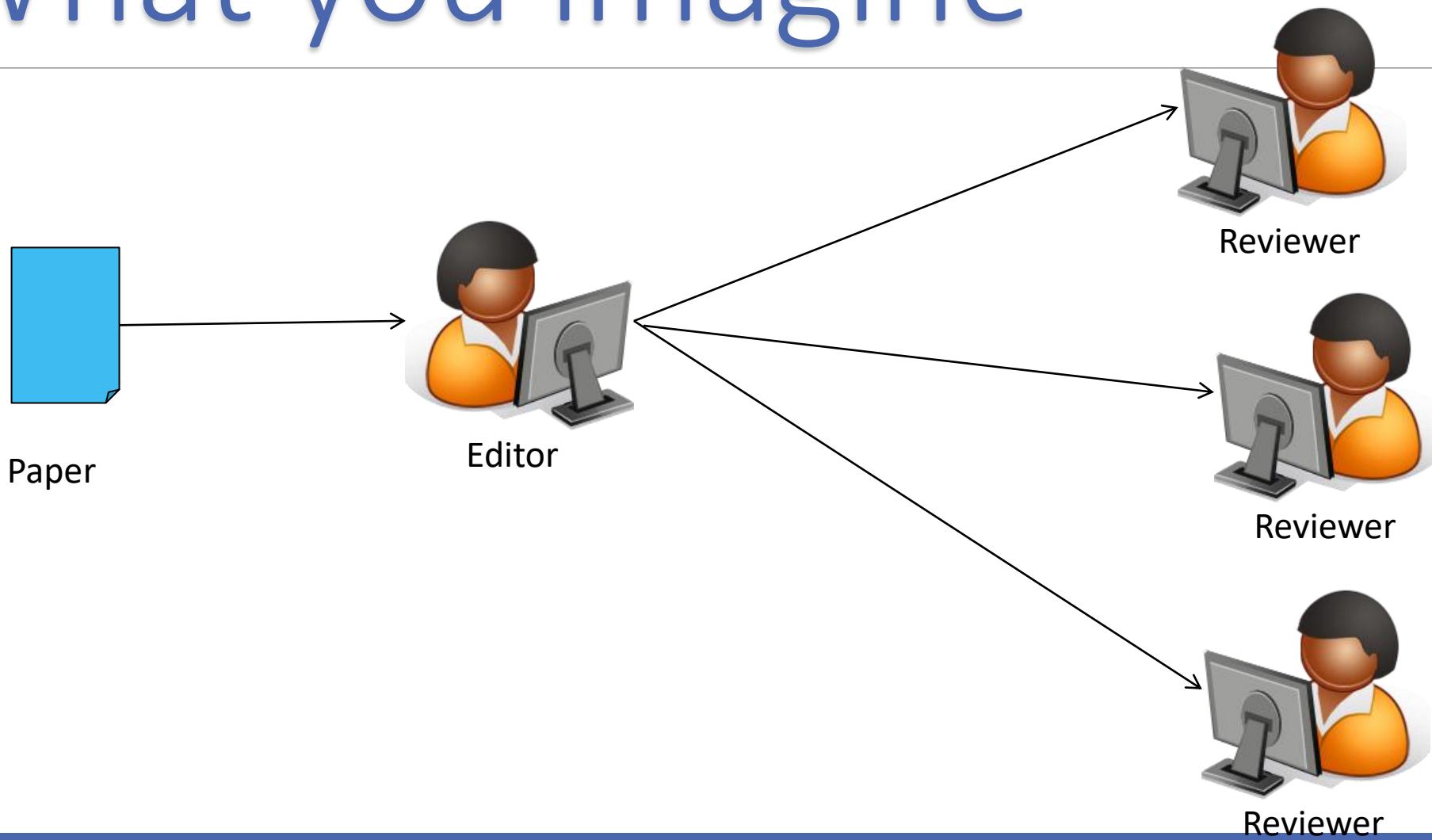
- Research Methodology

Don't know area

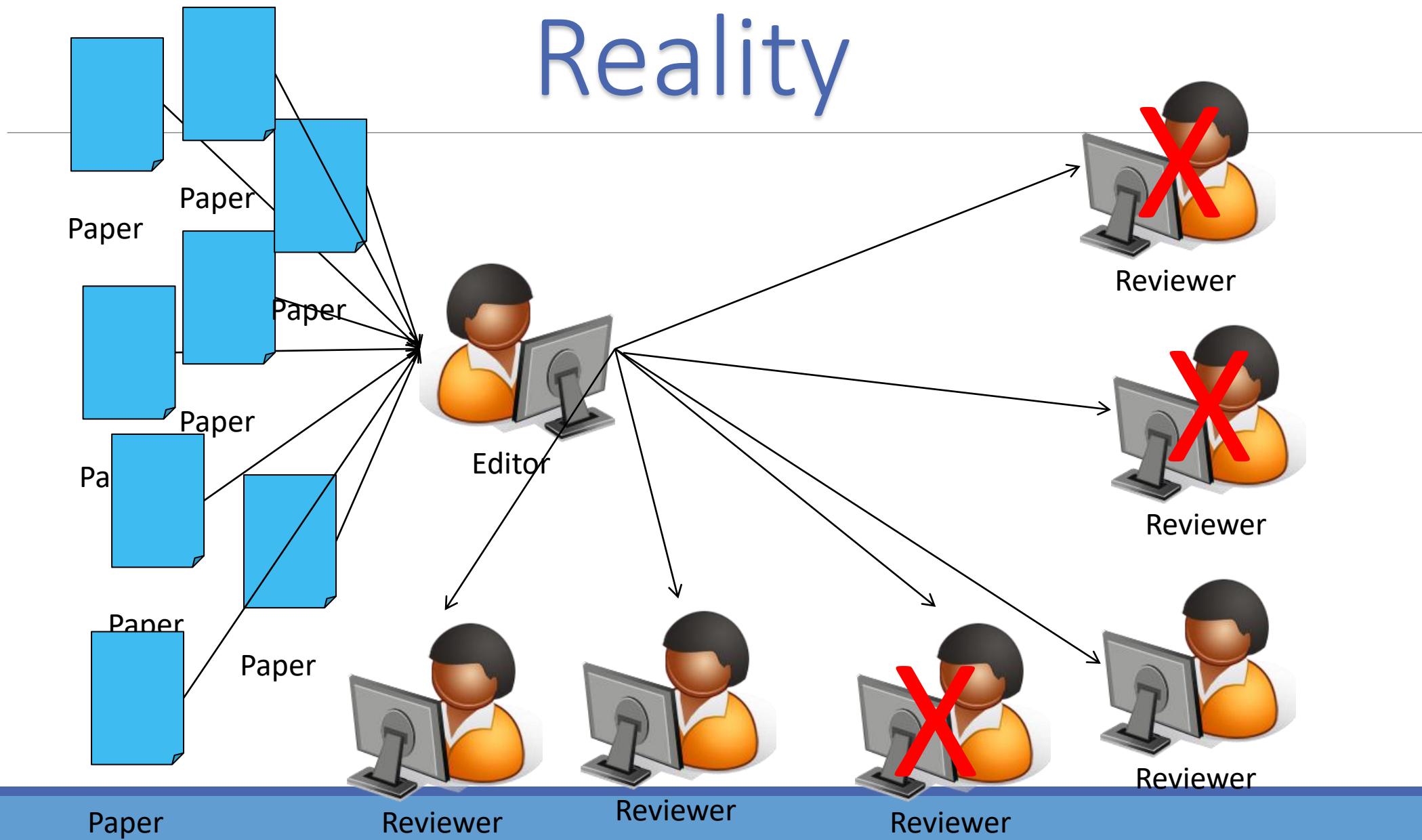
- Write so your parents can understand

# What you imagine

---



# Reality



# Consider the reviewer

---

May not be a subject expert

Don't know you

Don't know your culture

Don't know your work

Busy/Lazy

Probably read the paper once



Reviewer

# Reviewer's Cultural Background

---

Choose the journal that is most appropriate for your topic.

Consider the country of the journal.

Explain why you are doing research

- With references

Make the research relevant to an international audience

- With references

# Be clear

---

Narrow down your idea

Do not use vague expressions to describe your idea

Use **simple** yet **professional** academic writing

Sell your work

- Not just what the idea is, but
  - Who benefits, what the impact could be?
  - What makes it exciting?
  - “In contrast to previous work...”

Seek feedback, seek criticism

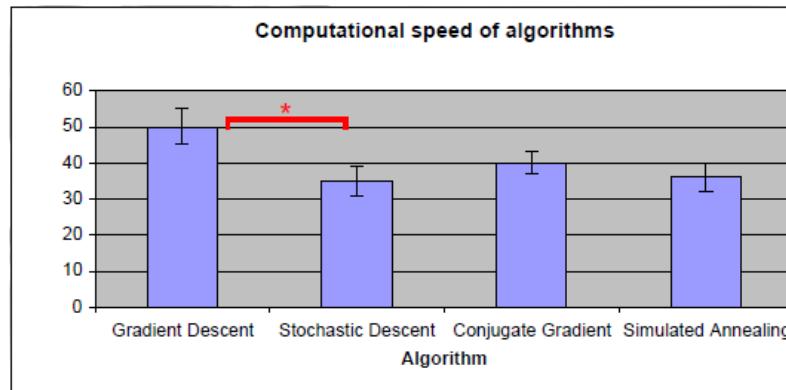
# Be honest

---

Don't lie about your experiments or results

- Islam prohibits!
- Expert reviewers can tell!

Be aware of exaggeration but do indicate significance



*"There was a **massive** decrease in the computing time between the gradient descent implementation and the stochastic descent version."*



*My experience*

# Keep trying

---

**My first high impact submission?**

- Rejected ☹

**Learn from mistakes ☺**

**If current research not good enough**

- Move on
- Make next research better

# Only submit once !

---

DO NOT gamble by scattering your manuscript to many journals

Only submit once!

International ethics standards prohibit multiple simultaneous submissions, and **editors DO find out!**

# Do excellent work

---

Solid review?

Research idea justified from review?

- Is it a strong idea?

Is research idea evaluated well?

- Standard methods
- Standard datasets
- Standard evaluation measures

Do you examine your data carefully

- From every possible angle?

# Seek feedback

---



# Can be done !

---

Lots of undergraduate and postgraduate students publish good papers.

Contribute to the society!

Win National/International Awards

You can do it too!

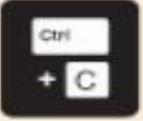
# Tagging 10 Types of Unoriginal Work

The Plagiarism Spectrum identifies 10 types of plagiarism based on findings from a worldwide survey of nearly 900 secondary and higher education instructors. Each type of plagiarism has been given a digital moniker to reflect the significant role that the internet and social media play in student writing.



## Clone

Submitting another's work, word-for-word, as one's own



## CTRL-C

Contains significant portions of text from a single source without alterations



## Find - Replace

Changing key words and phrases but retaining the essential content of the source



## Remix

Paraphrases from multiple sources, made to fit together



## Recycle

Borrows generously from the writer's previous work without citation



## Hybrid

Combines perfectly cited sources with copied passages without citation



## Mashup

Mixes copied material from multiple sources



## 404 Error

Includes citations to non-existent or inaccurate information about sources



## Aggregator

Includes proper citation to sources but the paper contains almost no original work



## Re-tweet

Includes proper citation, but relies too closely on the text's original wording and/or structure

[http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html)

## Clone

Submitting another's work, word-for-word, as one's own

Frequency: 9.5 / 10

Problematic: 9.5 / 10

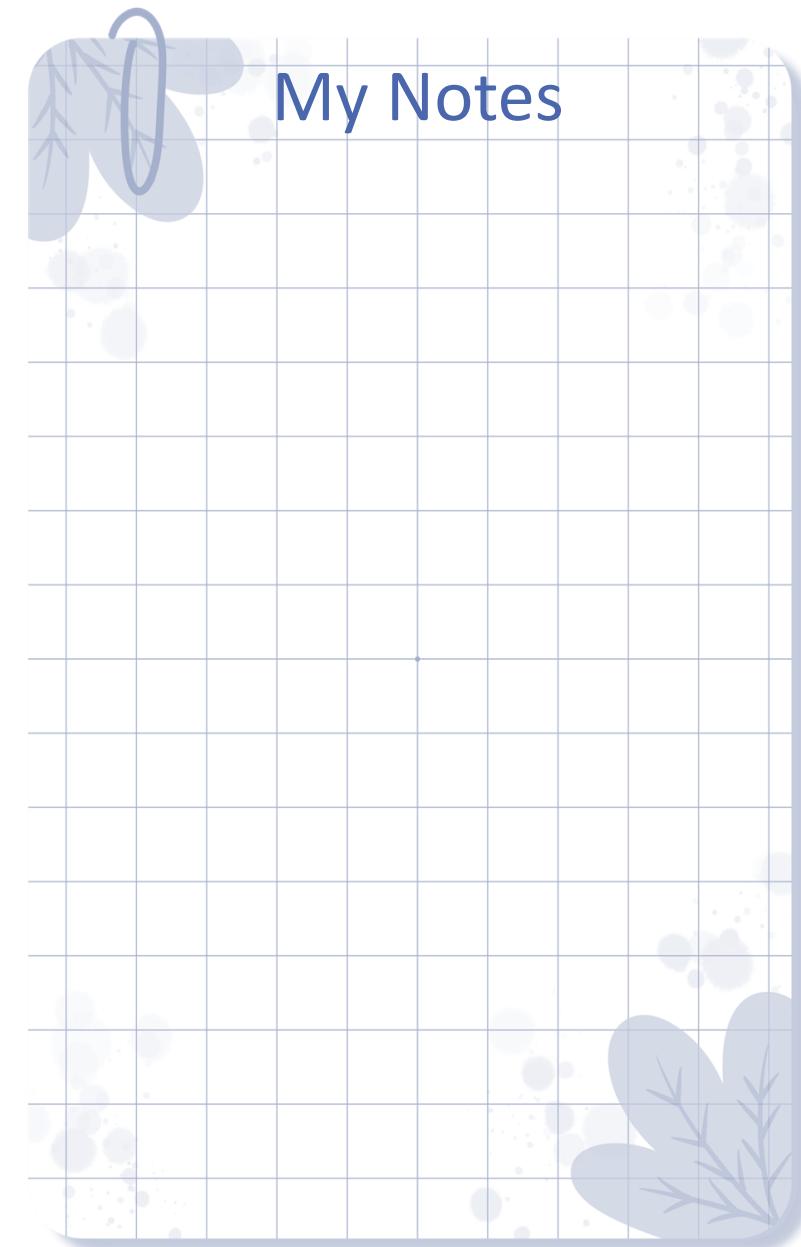
Original Unoriginal

### A Natural Setting

*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.



The screenshot shows a web-based plagiarism detection tool interface. At the top left is a browser header with three colored dots (red, yellow, green) and a back/forward button. The URL is [http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html). In the top right corner, there is a red diagonal banner with the number '#2' in white.

**CTRL-C**

Contains significant portions of text from a single source without alterations

**Frequency** 8.9

**Problematic** 7.4

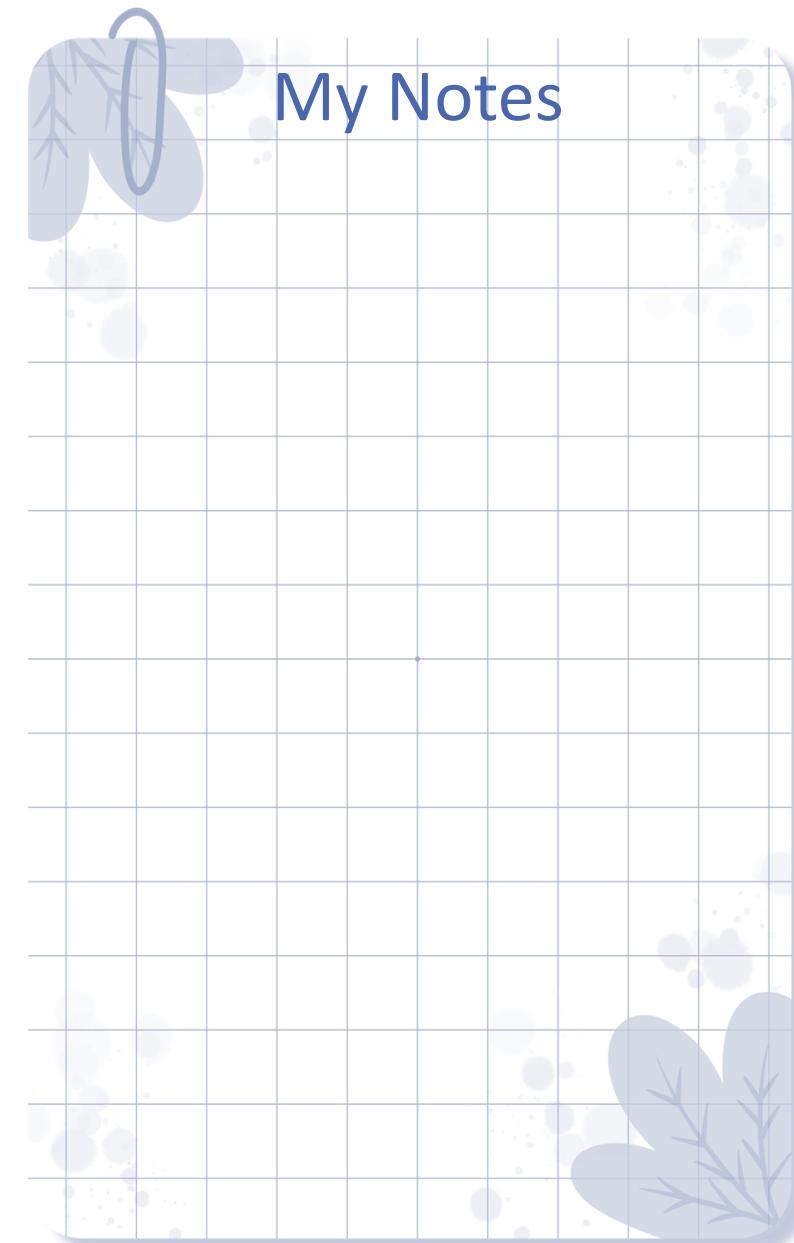
**Original** **Unoriginal**

**A Natural Setting**  
*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

**The Beautiful Yosemite Valley**

From the time of its first discovery by non-indigenous people in the mid-nineteenth century Yosemite Valley has held a special, even religious, possession on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. And Yosemite holds a special grip on the western mind, while perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.



The screenshot shows the Turnitin Plagiarism Spectrum tool interface. At the top, there are browser controls (back, forward, stop) and a URL bar with the address [http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html). A red ribbon in the top right corner displays the number '#3'. Below the ribbon, the title 'Find - Replace' is shown next to a magnifying glass icon.

**Frequency:** A scale from 0 to 10 with a value of 3.9 highlighted in orange.

**Problematic:** A scale from 0 to 10 with a value of 1.2 highlighted in orange.

**Original:** A red horizontal bar.

**Unoriginal:** An orange horizontal bar.

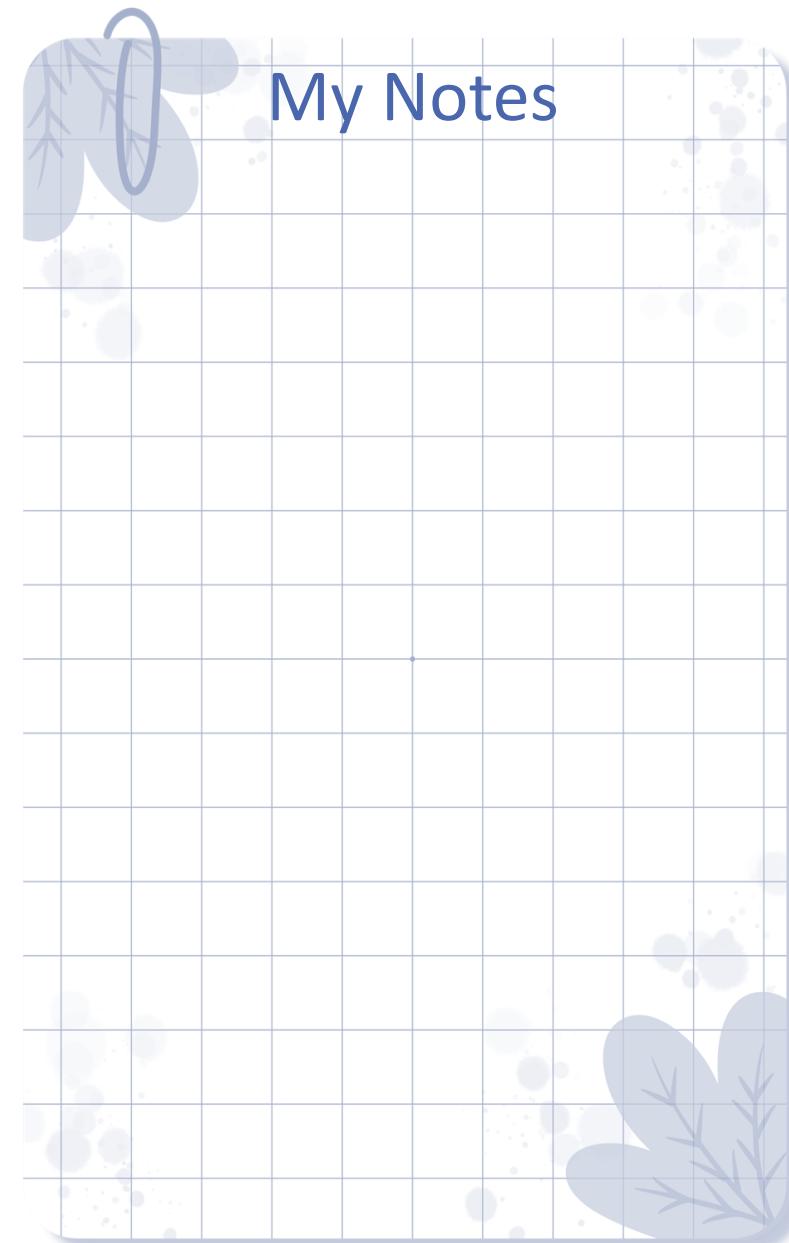
## A Natural Setting

*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

## A Beautiful Setting in Yosemite

Since its first discovery by non-native people in the mid-19th century Yosemite Valley has held a special, even sacred, hold on the American psyche because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mindset, perceptions about the Valley have evolved over time due to changing political movements, migration patterns and environmental issues as man has become more attuned to their relationship and impact on nature.



The screenshot shows a Turnitin report titled "Remix" with a "Plagiarism" icon. The URL is [http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html). A red ribbon at the top right indicates a score of 4. Below the ribbon are two horizontal bars: a yellow "Frequency" bar at 5.6 and a grey "Problematic" bar at 5. The report is divided into "Original" and "Unoriginal" sections.

**Original**

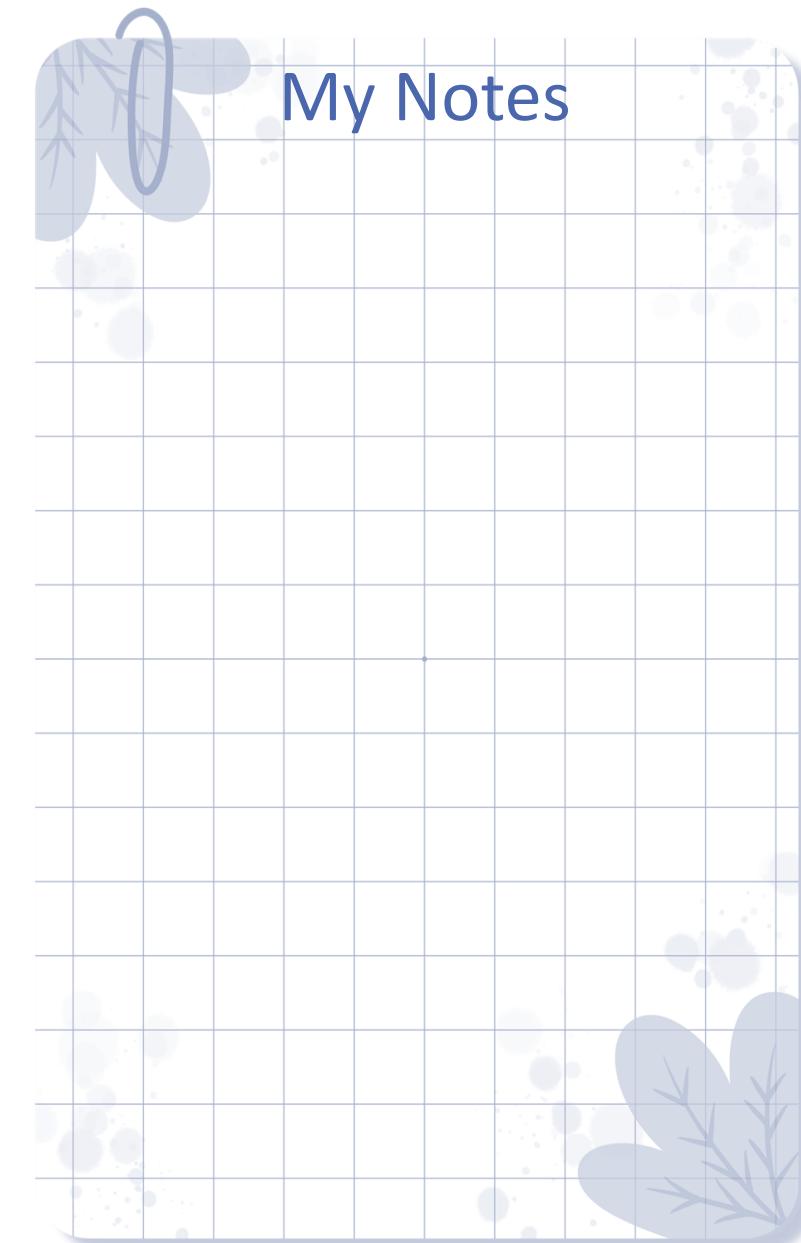
**A Natural Setting**  
*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

**Unoriginal**

**An Untouched View**  
*A History of Settlement and Change in Yosemite Valley*

The first non-natives to see Yosemite Valley were probably members of the mid-nineteenth century Joseph Walker Party, who crossed the Sierra Nevada from East to West. The first descriptions of Yosemite came almost 20 years later. From the start, the valley has been renowned for its natural beauty, and highly regarded as the centerpiece of Yosemite National Park, attracting visitors from around the world. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to their relationship and impact on nature.



A screenshot of a web browser window displaying the Turnitin Plagiarism Spectrum tool. The URL in the address bar is [http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html). The main title is "Recycle". A large orange triangle in the top right corner contains the number "#5". Below the title, there are two horizontal bars: a yellow "Frequency" bar with a value of 5.5 and a grey "Problematic" bar with a value of 2.8. The word "Original" is in a red box at the top left, and "Unoriginal" is in a red box at the top right. The text is divided into two sections: "A Natural Setting" (Original) and "Ecology 201: An Unnatural Expectation" (Unoriginal). The "Ecology 201" section has several lines of text highlighted in red, indicating copied content.

Borrowed generously from the writer's previous work without citation

Frequency 5.5

Problematic 2.8

Original

Unoriginal

**A Natural Setting**

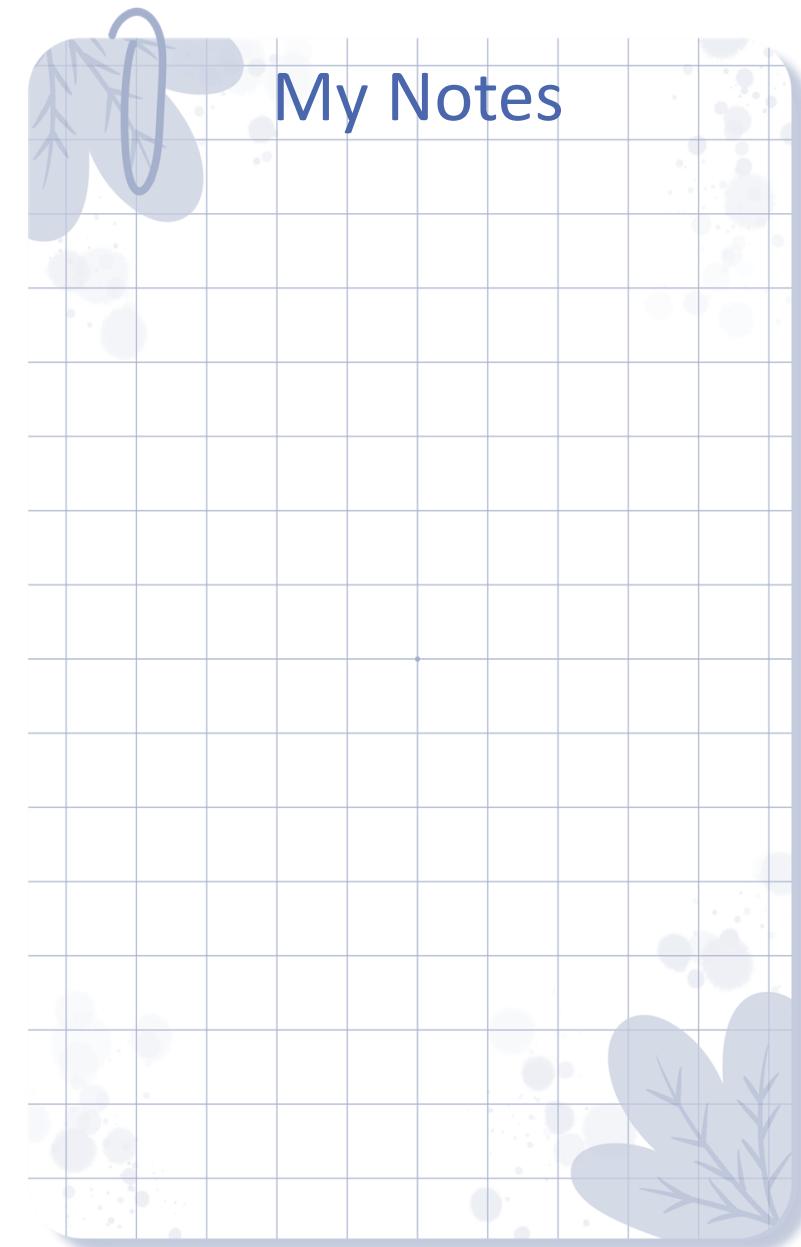
*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

**Ecology 201:**  
**An Unnatural Expectation**

*The Impact of Exploration and Settlement in Yosemite Valley*

From its first discovery by the Ahwahnechee in the mid-nineteenth century Yosemite Valley has held a unique, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time reflecting changing politics, human migration patterns and the rise of environmental concerns as man has become more attuned to his relationship and impact on nature.



The screenshot shows a web-based plagiarism detection tool interface. At the top, there are browser navigation buttons (back, forward, home) and a URL bar containing [http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html). In the top right corner, there is an orange ribbon with the number '6'. Below the ribbon, the word 'Hybrid' is displayed next to a small car icon.

**Frequency**: .5

**Problematic**: 1.1

**Original**      **Unoriginal**

**A Natural Setting**

*A History of Exploration and Settlement in Yosemite Valley*

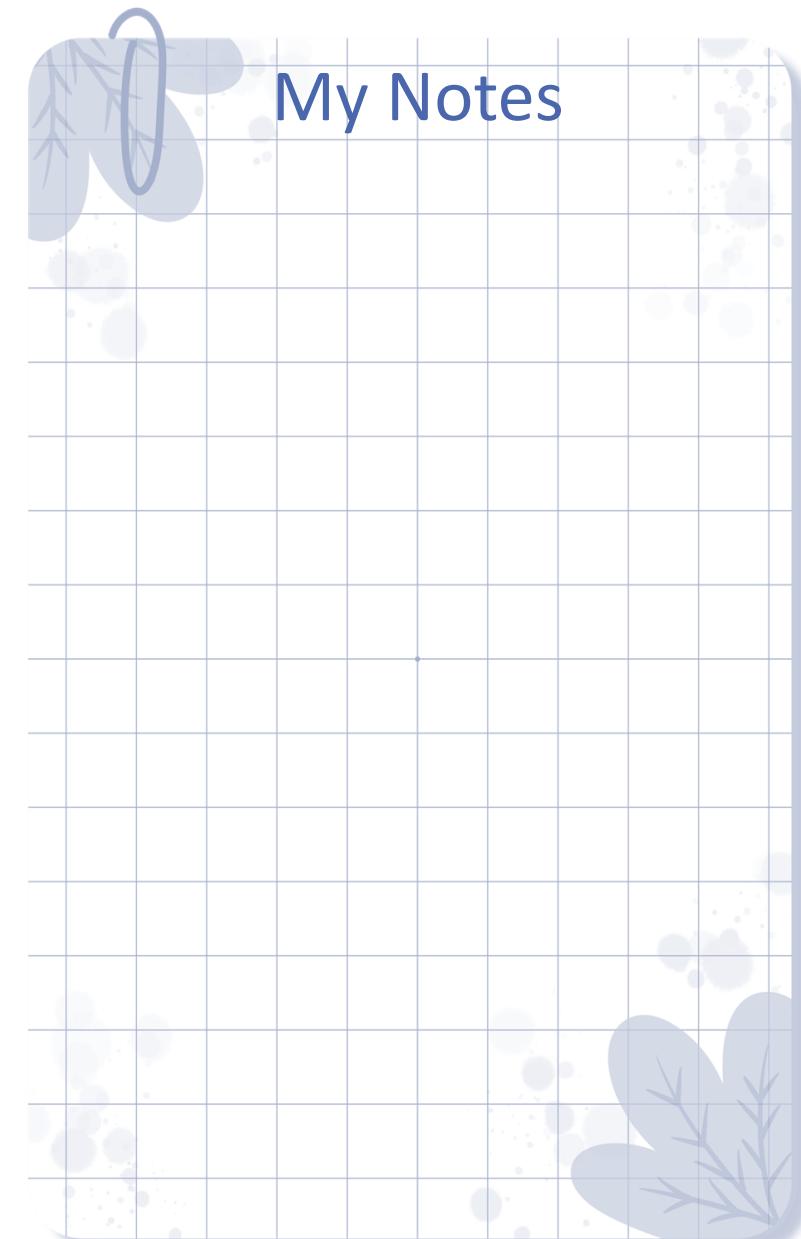
Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

**A Natural Setting**

*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. "Native Americans have lived in the Yosemite region for as long as 8,000 years. The first people that we have record of was a band of Native Americans that called the Valley "Ah-wah-nee" and themselves the Ahwahnechee."<sup>1</sup> While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

<sup>1</sup> "Yosemite Valley." Wikipedia. Wikipedia. 20 Apr. 2012. <[http://en.wikipedia.org/wiki/Yosemite\\_Valley](http://en.wikipedia.org/wiki/Yosemite_Valley)>



The screenshot shows a Turnitin plagiarism analysis report. At the top, there are browser controls (back, forward, stop) and a URL bar containing [http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html). Below the URL is a logo for "MASH UP".

**Mashup**

Mixes copied material from multiple sources

**Frequency**: A horizontal bar chart with a scale from 0 to 10. The value is 9.1.

**Problematic**: A horizontal bar chart with a scale from 0 to 10. The value is 4.4.

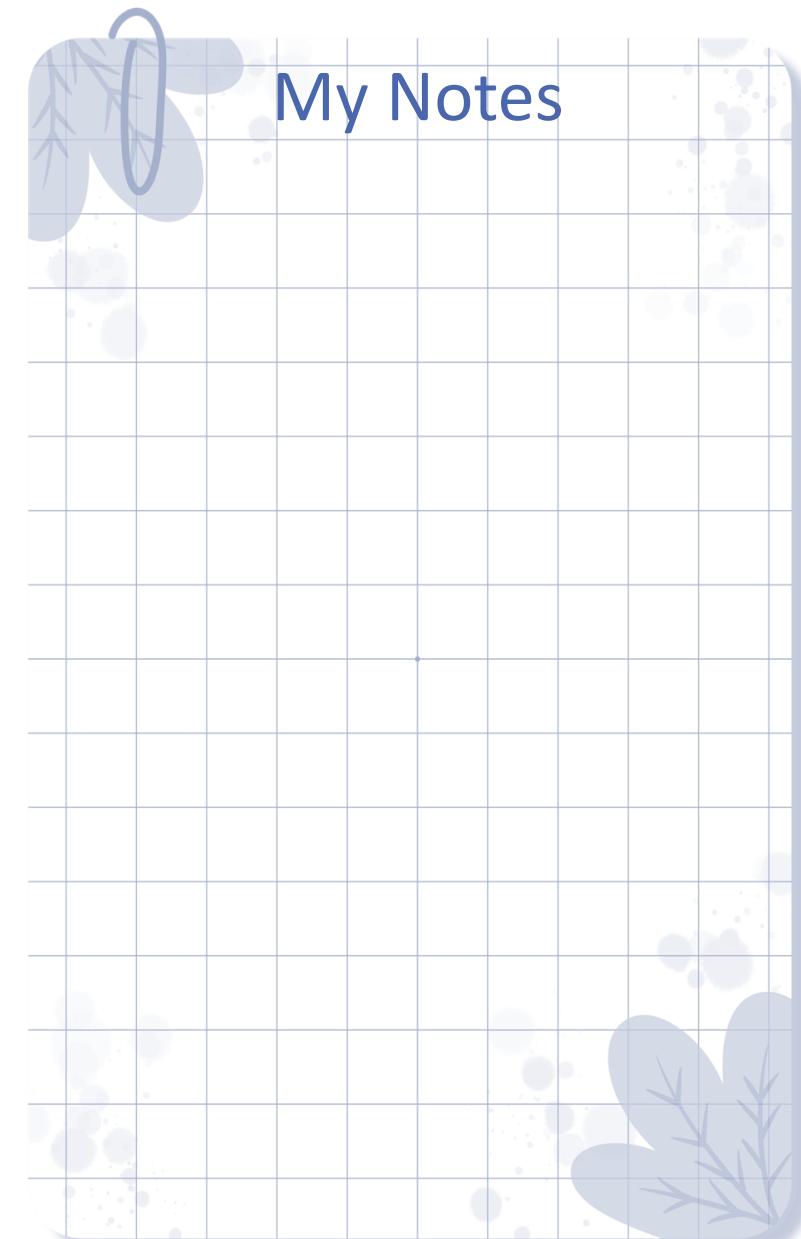
**Original**      **Unoriginal**

**A Natural Setting**

*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

Since its first discovery by non-indigenous people in the mid-nineteenth century Yosemite Valley has held a special, even religious, hold on the American conscience. The work of Ayres gave easterners an appreciation for Yosemite Valley and started a movement to preserve it. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to their relationship and impact on nature. The 1849 California Gold Rush led to conflicts between miners and natives, and the volunteer Mariposa Battalion was formed by the state of California as a punitive expedition against natives in the Yosemite area.





# 404 Error

Includes citations to non-existent or inaccurate information about sources



Original

Unoriginal

## A Natural Setting

*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

## Perceived Beauty: Man's Nature

*Exploration and Settlement in Yosemite Valley*

"Since its first discovery by the Joseph Walker Party in the mid-nineteenth century"; "Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all "special temples of Nature.""; "While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to their relationship and impact on nature."<sup>3</sup>

<sup>1</sup> For an insightful discussion of Walker's expedition, including an extended description of their first sight of Yosemite Valley, see Walker's original piece in *The Golden Times*, May 5, 1833 : p. 4. Print.

<sup>2</sup> Bloom, H. "Aesthetics of the Found: The 'Nature' of the Natural." *Aesthetics and the Found*, November 2000 : 18-22. Print.

<sup>3</sup> Huang et al. "Politics, Policy, and the Environment." *Nature and Society*, 25.3 (1997) : 127-53. Print.

My Notes

A screenshot of a web-based plagiarism detection tool. At the top left is a browser-style header with three colored dots (red, yellow, green) and a back/forward button. The URL bar shows the address [http://pages.turnitin.com/plagiarism\\_spectrum.html](http://pages.turnitin.com/plagiarism_spectrum.html). In the top right corner of the main content area, there is a large orange diagonal banner with the number "9" in white. Below this, the word "Aggregator" is displayed next to a black square icon containing a white RSS feed symbol.

**Frequency** 2.8

**Problematic** 2.9

**Original** **Unoriginal**

**A Natural Setting**  
*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to their relationship and impact on nature.

**A Natural Setting**  
*A History of Exploration and Settlement in Yosemite Valley*<sup>1</sup>

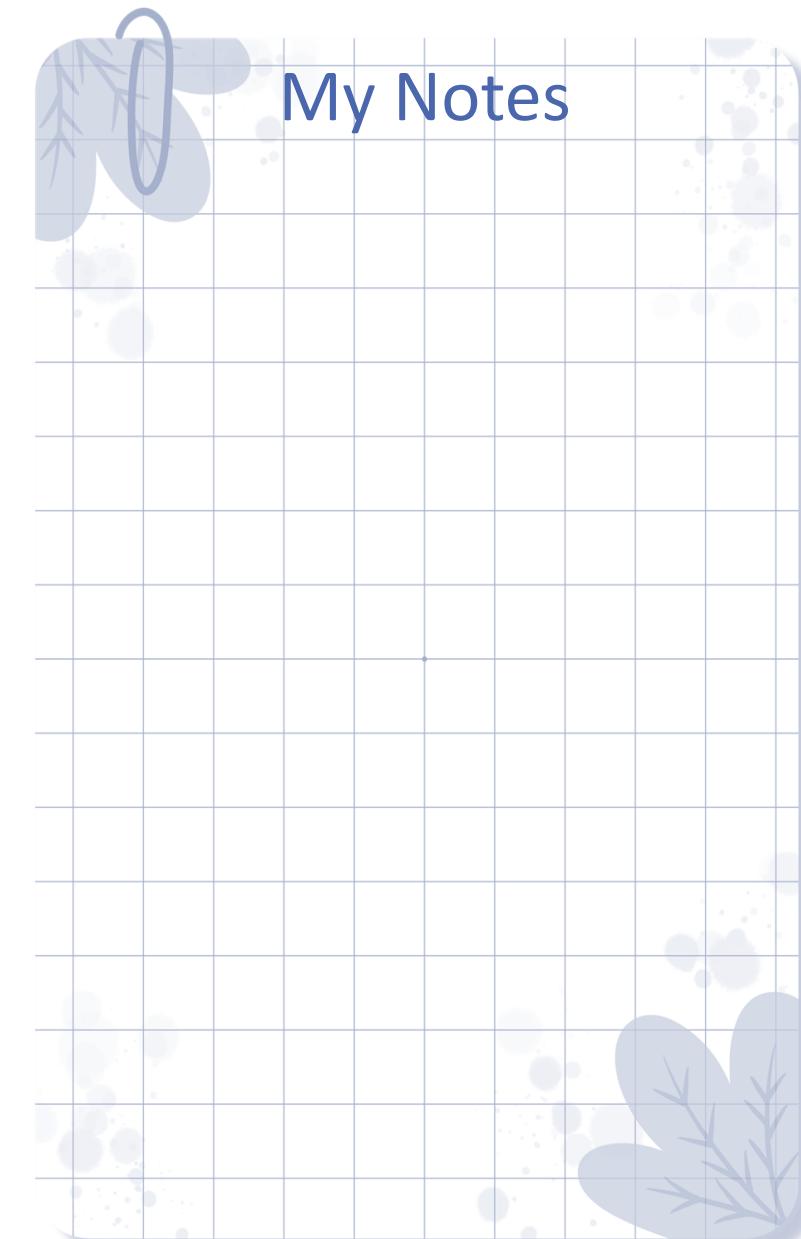
Yosemite Valley was first sighted by non-Indians in 1833 by Joseph Rutherford Walker and his group of explorers.<sup>2</sup> Yosemite has a long and diverse cultural history that helped to shape the region, country, and even the world.<sup>3</sup> While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to their relationship and impact on nature.<sup>4</sup>

<sup>1</sup> Harrick, C. "A Natural Setting." *Nature and Its Discontents* 23.1 (1996) : 41-50. Print.

<sup>2</sup> "History of Yosemite," [Yosemitegold.com](http://www.yosemitegold.com) Ace & Friends, n.d. Web. 24 Apr. 2012. <<http://www.yosemitegold.com/yosemite/history.html>>

<sup>3</sup> "Yosemite National Park Cultural History," [Yosemitemark.com](http://www.yosemitemark.com) DNC Parks and Resorts at Yosemite, Inc., n.d. Web. 24 Apr. 2012. <<http://www.yosemitemark.com/cultural-history.aspx>>

<sup>4</sup> Harrick, C. "A Natural Setting." p. 41.



The screenshot shows a Turnitin plagiarism report. At the top right, a yellow ribbon banner displays the number "#10". The main title "Re-tweet" is next to a Twitter icon. Below it, a sub-headline states: "Includes proper citation, but relies too closely on the text's original wording and/or structure".

Two horizontal sliders are shown: "Frequency" is set at 4.4 (orange bar) and "Problematic" is set at .5 (orange bar). A progress bar at the bottom indicates the text is 100% unoriginal.

**Original**      **Unoriginal**

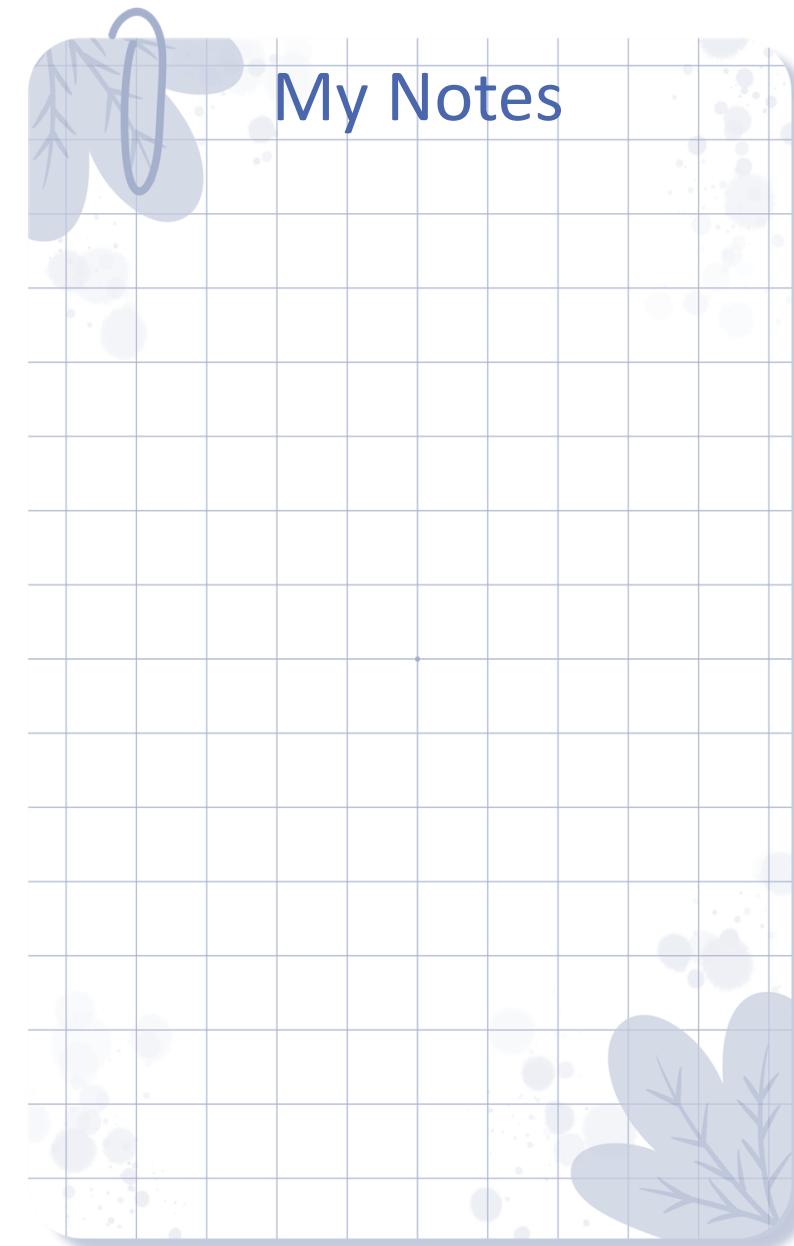
**A Natural Setting**  
*A History of Exploration and Settlement in Yosemite Valley*

Since its first discovery by non-indigenous people in the mid-nineteenth century, Yosemite Valley has held a special, even religious, hold on the American conscience because its beauty makes it an incomparable valley and one of the grandest of all special temples of Nature. While Yosemite holds a special grip on the western mind, perceptions about the Valley have evolved over time due to changing politics, migration patterns and environmental concerns as man has become more attuned to his relationship and impact on nature.

**A History of Exploration and Settlement in Yosemite Valley**

From its earliest discovery by non-indigenous people in the mid-nineteenth century Yosemite Valley has held a spiritual hold on the American conscience; its beauty is incomparable and has been held up as one of the grandest of all special temples of Nature. While Yosemite has a special grip on the western mind, impressions about the Valley have evolved over time, shaped by changing politics, migration patterns and environmental concerns as mankind has become more attuned to its relationship and impact on nature.<sup>1</sup>

<sup>1</sup> Harrick, C. "A Natural Setting." *Nature and Its Discontents* 23.1 (1996) : 41-50. Print.





**Great minds discuss ideas.  
Average minds discuss events.  
Small minds discuss people.**

Eleanor Roosevelt



@SalhaAlzahrani