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PROJECT REPORT

Analysis of Alien Life Forms and Their Relationship to Cats in Television Series

Applied Unicorn Science
at Andromeda University of Melmac

by

Gordon Shumway

19th Januar 2038

Time of Project
Student Number
Company
Supervisor
Reviewer

01/1970 – 01/2038
1234567
MyCompany
William Tanner
Jane Doe

Designed to make a difference.
— THE MINUS SIGN, *A Funny Algebra Book*

Ehrenwörtliche Erklärung

Ich versichere hiermit, dass ich meine Projektarbeit mit dem Thema *Analysis of Alien Life Forms and Their Relationship to Cats in Television Series* selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt habe.

Los Angeles, 19. Januar 2038

Gordon Shumway

Zusammenfassung

Dies ist ein Typoblindtext. An ihm kann man sehen, ob alle Buchstaben da sind und wie sie aussehen. Manchmal benutzt man Worte wie *Hamburgetons*, *Rafgenuks* oder *Handgloves*, um Schriften zu testen. Manchmal Sätze, die alle Buchstaben des Alphabets enthalten - man nennt diese Sätze Pangrams. Sehr bekannt ist dieser: *The quick brown fox jumps over the lazy old dog.*

Oft werden in Typoblindtexte auch fremdsprachige Satzteile eingebaut (*AVAIL® and Wefox™ are testing aussi la Kerning*), um die Wirkung in anderen Sprachen zu testen. In Lateinisch sieht zum Beispiel fast jede Schrift gut aus. *Quod erat demonstrandum.* Seit 1975 fehlen in den meisten Testtexten die Zahlen, weswegen ab dem Jahr 2034 Zahlen in 86 der Texte zur Pflicht werden.

Nichteinhaltung wird mit bis zu 245 Euro oder 368 bestraft. Genauso wichtig in sind mittlerweile auch *Âçcẽñtë*, die in neueren Schriften aber fast immer enthalten sind. Ein wichtiges aber schwierig zu integrierendes Feld sind OpenType-Funktionalitäten. Je nach Software und Voreinstellungen können eingebaute Kapitälchen, Kerning oder Ligaturen (sehr pfiffig) nicht richtig dargestellt werden.

Abstract

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List of Abbreviations

| | |
|------|----------------------|
| LOL | Laughing Out Loud |
| IMHO | In My Humble Opinion |

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1 — Structure

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec quam felis.

1.1 Section

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1.1.1 Subsection

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Subsubsection

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2 — Text Elements

2.1 New Commands

This template provides some new commands:

You can add sources in image / listing captions (see [section 3.1](#)),

You can create definitions or theorems (see [section 4.1](#)).

You can format inline code in a paragraph (see [section 4.2](#)).

2.2 Acronyms and References

A popular acronym is [LOL](#). In My Humble Opinion ([IMHO](#)) is another one.

Citations can have page numbers [[3](#), p. 473], [[1](#), pp. 359 - 360], but they can be left out as well [[5](#)], [[2](#)], [[6](#)], [[4](#)].

You can also add footnotes.¹

¹It is displayed at the bottom of the page.

2.3 Lists

Unordered Lists:

- This is an unordered list.
- Item 2.
- It has three items.

Ordered List:

1. This is an ordered list.
2. Item 2.
3. It has three items.

Ordered List (alphabetical):

- A. This is an ordered list.
- B. Item 2.
- C. It has three items.

3 — Figures

3.1 Images

Figure 3.1 shows how to display images.

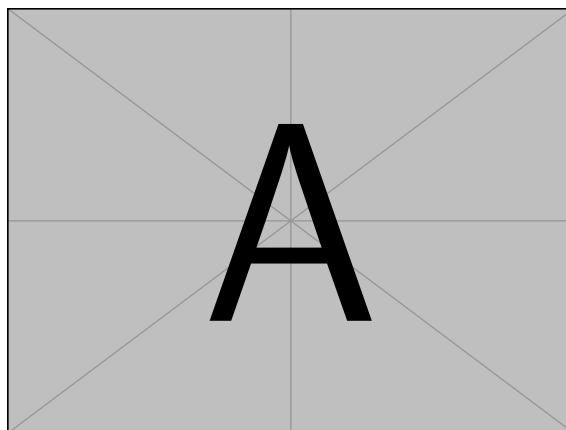


Figure 3.1: Image

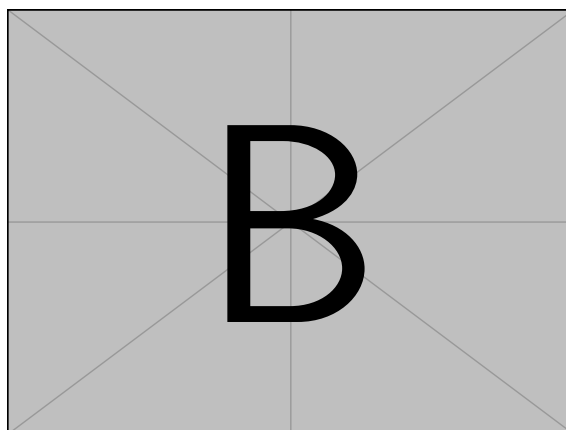


Figure 3.2: Image with Source

Source: [2]

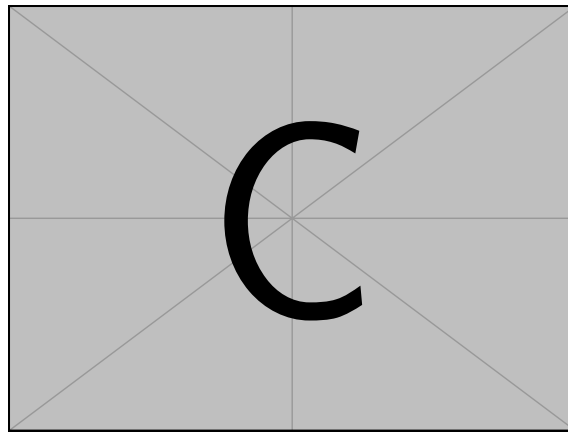


Figure 3.3: Image with Source and Link

Source: J. Doe, <https://example.org>

3.2 Diagrams

3.2.1 Sequence Diagram

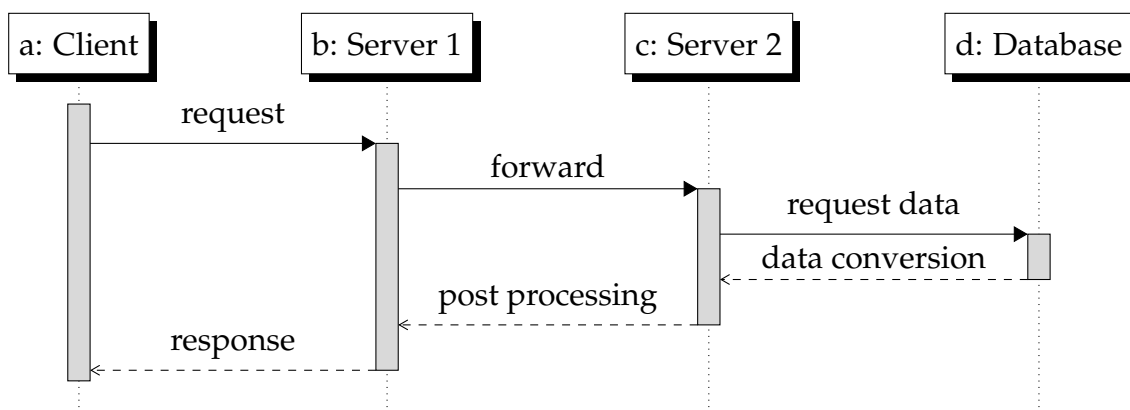


Figure 3.4: Sequence Diagram

3.2.2 Flow Diagram

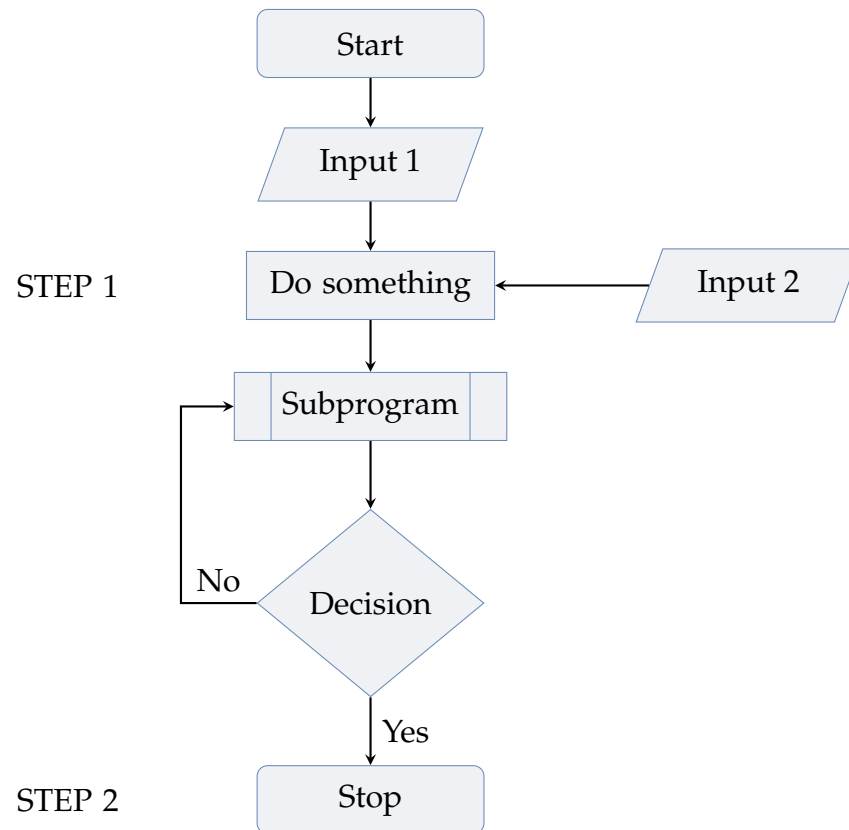


Figure 3.5: Flow Diagram

Source: [2]

4 — Conclusion

4.1 Mathematics

4.1.1 Definitions

Definition 1. *A function $f : X \rightarrow Y$ is injective if and only if for all $x_1, x_2 \in X$, $x_1 \neq x_2$ implies $f(x_1) \neq f(x_2)$.*

4.1.2 Formulas

Formulas can be included inline, e.g. K_E^{CID} to S or as an own block.

$$otp = f_k(i, k), \quad i = 1, \dots, n$$

4.2 Code Listings

Code can be displayed inline, e.g. `UPDATE` or `factorial(n)`.

Code listings can have numbered lines, captions, syntax highlighting,

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R |

Listing 4.1: Code Without Line Numbers

Source: [2]

```
1 public int factorial(int n) {  
2     if (n == 1) {  
3         return 1;  
4     } else {  
5         return n * factorial(n - 1) ;  
6     }  
7 }
```

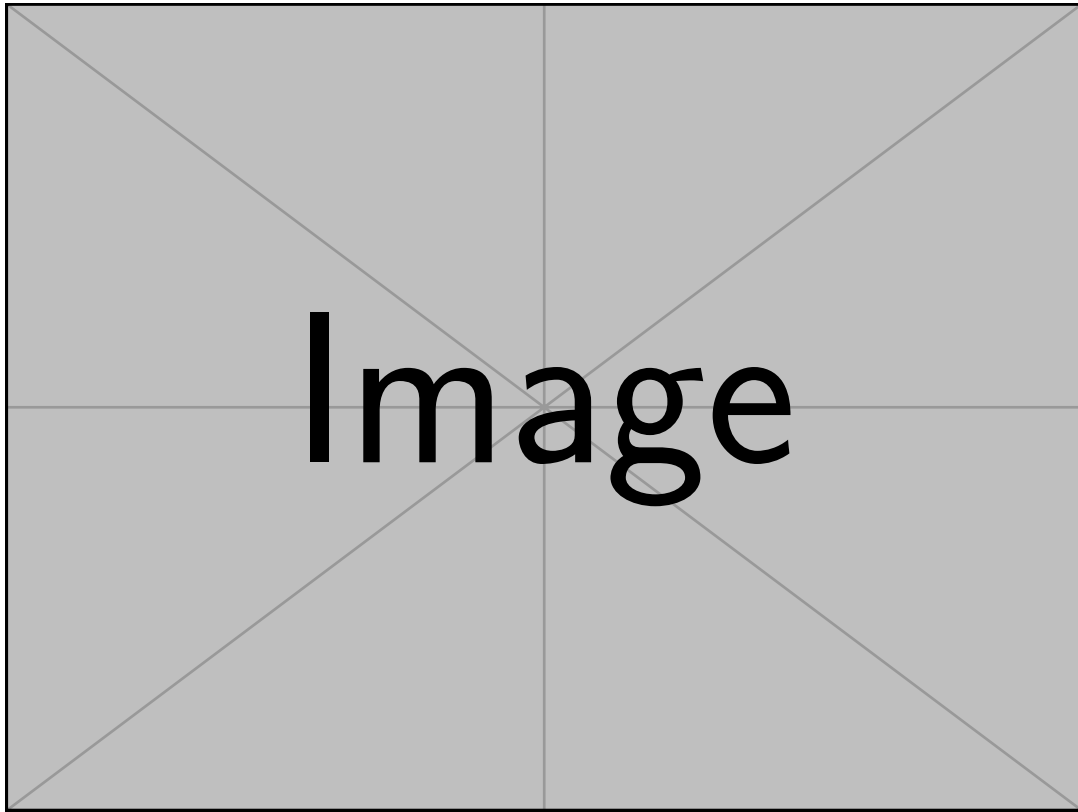
Listing 4.2: Code With Line Numbers

Bibliography

- [1] John Doe. *My Technical Report Regarding Important Topics*. Tech. rep. ABC123-0815. IBM, 2016. URL: <https://example.org>.
- [2] Max Mustermann and Moritz Mustermann. *This is a cool website with funny cat pictures*. June 2016. URL: <https://example.org> (visited on 01/01/2016).
- [3] Jane Smith. *Books: Should you really read them?* 1st ed. Strasbourg: Gutenberg Press, 1460.
- [4] Jane Student. “Important Thesis Title”. Master Thesis. Milky Way University of Melmac, 1989.
- [5] D. Waitzman. *IP over Avian Carriers with Quality of Service*. RFC 2289. Apr. 1999. URL: <https://www.ietf.org/rfc/rfc2549>.
- [6] Tim Writer. “How to write articles”. In: *MyMagazine* 42.01 (Jan. 1984), pp. 770–772.

A — Appendix

Figure A.1: A Big Image



Listing A.1: Fibonacci

```
1 public class Fibonacci {
2     public static long fib(int n) {
3         if (n <= 2) {
4             return 1;
5         } else {
6             return fib(n - 1) + fib(n - 2);
7         }
8     }
9
10    public static void main(String[] args) {
11        for(int i = 1; i < 10; i++) {
12            System.out.println(i + " - " + fib(i));
13        }
14    }
15 }
```