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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*

19<sup>th</sup> 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

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Gordon Shumway



## Zusammenfassung

Dies ist ein Typobblindtext. An ihm kann man sehen, ob alle Buchstaben da sind und wie sie aussehen. Manchmal benutzt man Worte wie Hamburgefonts, Raffenduks 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 Typobblindtexte 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 Åçcèñtë, 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

|             |                      |
|-------------|----------------------|
| <b>LOL</b>  | Laughing Out Loud    |
| <b>IMHO</b> | In My Humble Opinion |

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# 1 — Structure

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## 1.1 Section

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### 1.1.1 Subsection

Phasellus viverra nulla ut metus varius laoreet. Quisque rutrum. Aenean imperdiet. Etiam ultricies nisi vel augue. Curabitur ullamcorper ultricies nisi. Nam eget dui. Etiam rhoncus. Maecenas tempus, tellus eget condimentum rhoncus, sem quam semper libero.

#### 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.<sup>1</sup>

---

<sup>1</sup>It 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.

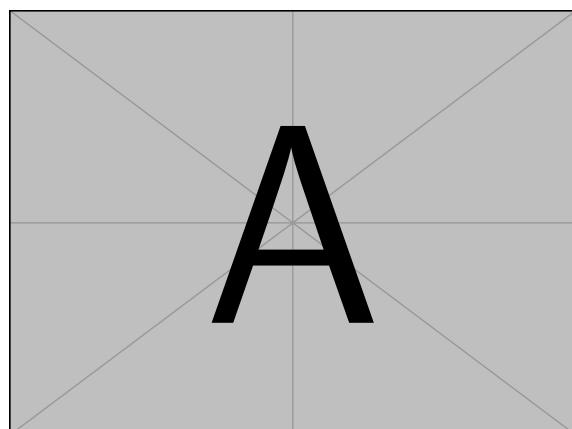


Figure 3.1: Image

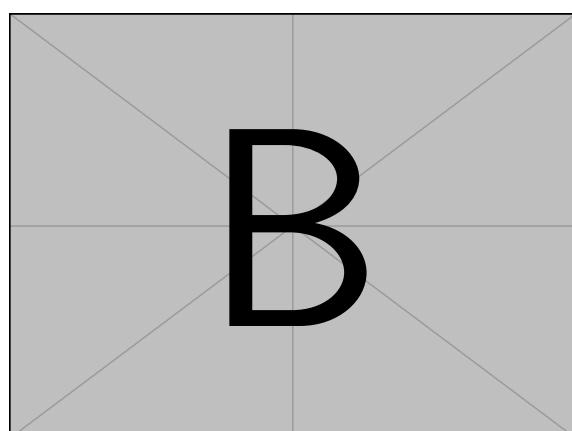


Figure 3.2: Image with Source

*Source: [2]*

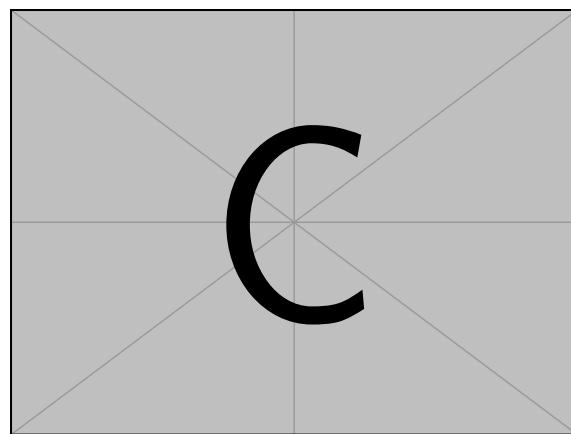


Figure 3.3: Image with Source and Link

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

## 3.2 Diagrams

### 3.2.1 Sequence Diagram

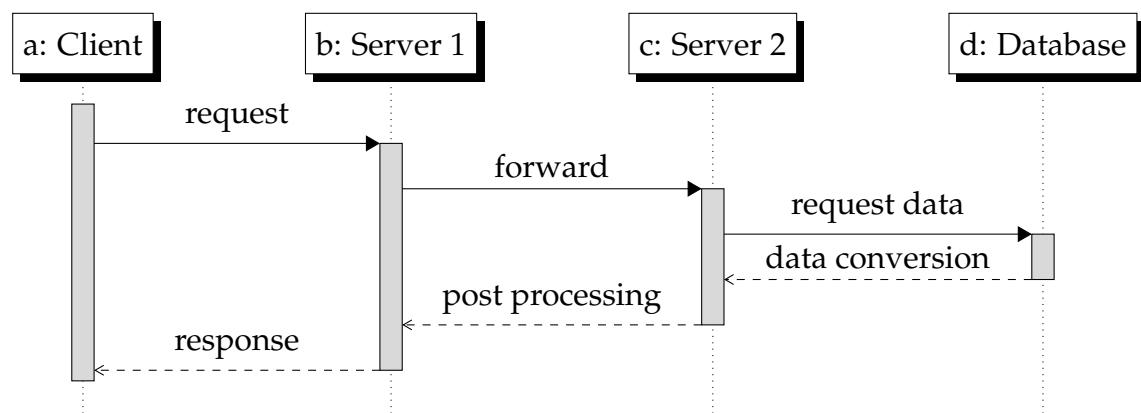


Figure 3.4: Sequence Diagram

### 3.2.2 Flow Diagram

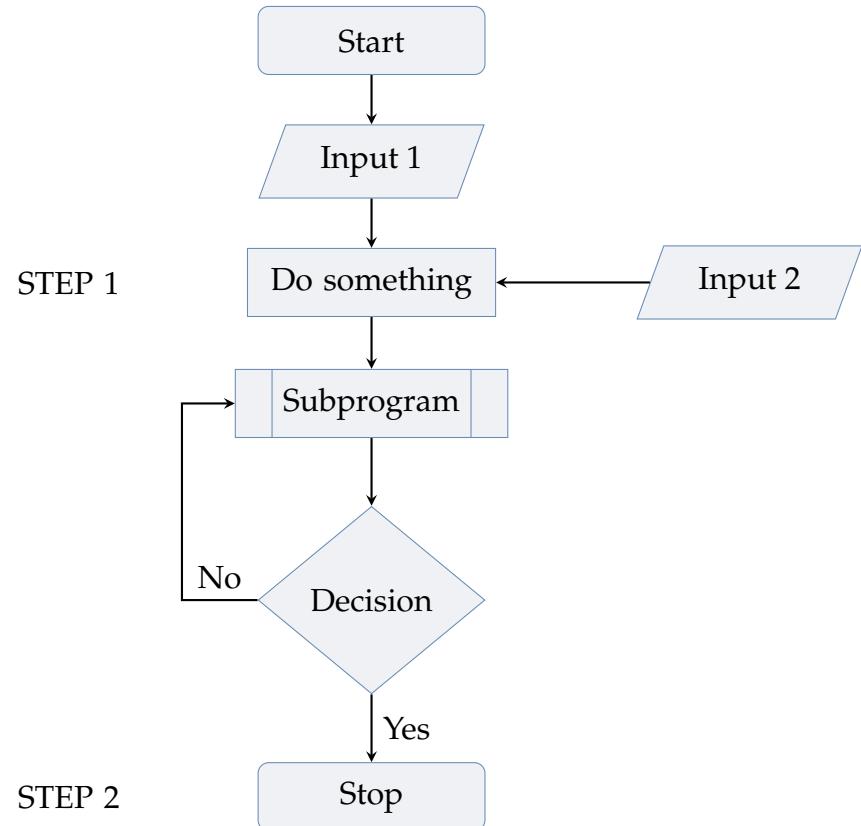


Figure 3.5: Flow Diagram

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

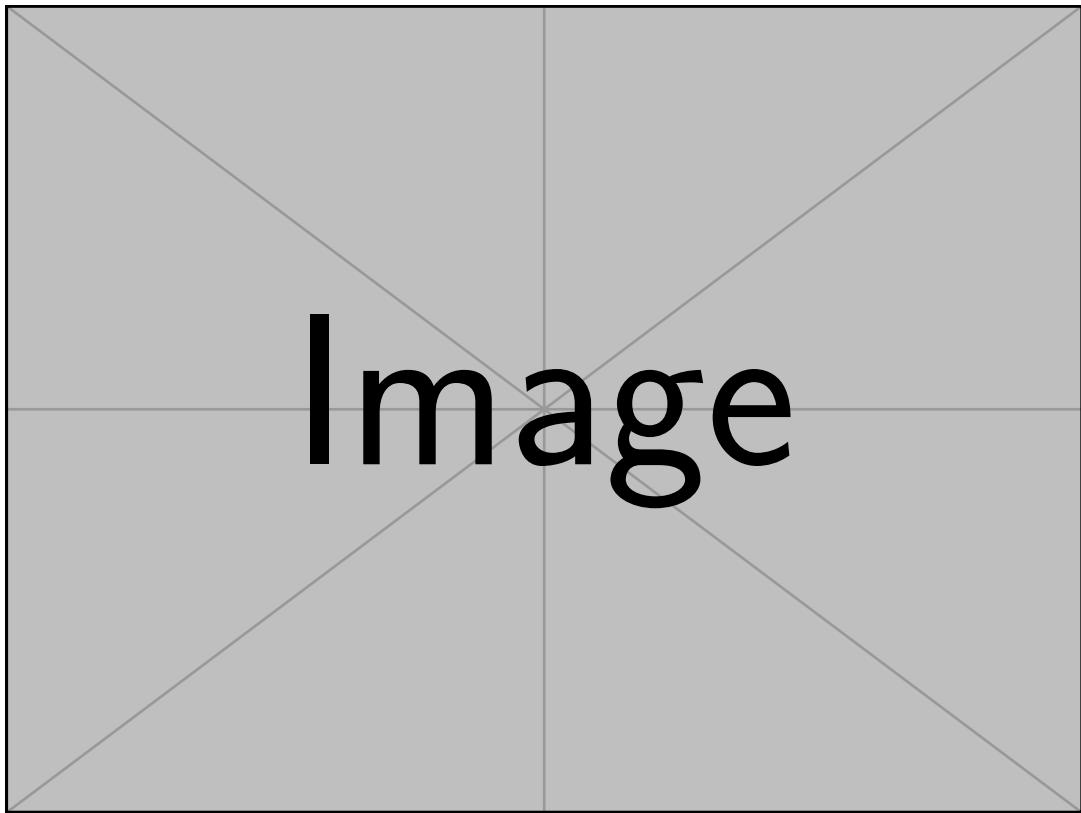
# Bibliography

- [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 }
```