

Copyright © 2022 Andrea Cacioli PUBLISHED BY NOBODY PROBABLY ANDREACACIOLI.NETLIFY.APP Licensed under the Creative Commons Attribution-NonCommercial 4.0 License (the "License"). You may not use this file except in compliance with the License. You may obtain a copy of the License at https://creativecommons.org/licenses/by-nc-sa/4.0. Unless required by

applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

First printing, Probably Never



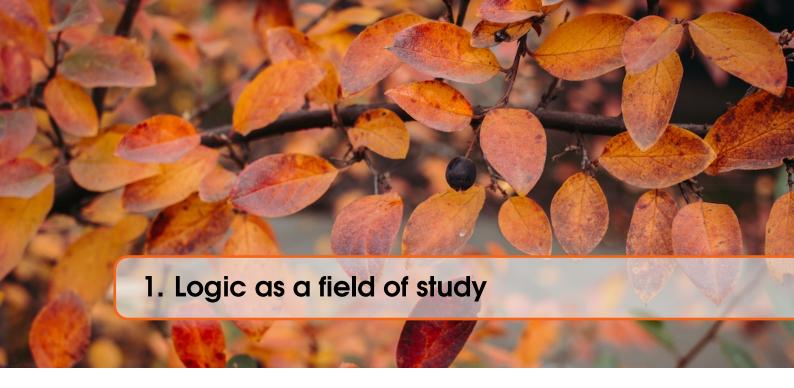
| -1              | Introduction To Logic                            |
|-----------------|--|
| 1<br>1.1        | Logic as a field of study                        |
|                 | Bibliography13Articles13Books13                  |
|                 | Index  |
|                 | Appendices                                       |
| <b>A</b><br>A.1 | Appendix Chapter Title15Appendix Section Title15 |
| <b>B</b><br>B.1 | Appendix Chapter Title                           |





## Introduction To Logic

| 1   | Logic as a field of study | 11 |
|-----|---------------------------|----|
| 1 1 | Motivation                | 11 |



#### 1.1 Motivation

I am a human. As such I tend to reason following what we call logic. Logic is the foundamental layer that is behind human reasoning. Some say it probably is the most foundamental feature that makes us humans and that it actually defines us more than how much writing does. After all, it is reasonable that people started thinking before they started writing. Studying the logic is much like studying computer science as in both activities you explore the way you would solve a problem yourself and then you try to extract the basic steps that lead you to the solution. Unlike when writing a program though, in logic we are not faced with the dreadful experience of dealing with a compiler, which is the most pedantic and obnoxious thing about software as much as it is the most useful tool. For this reason, I would argue that logic, even though it is considered to be incredibly hard and formal, it is in fact easier than writing programs as long as you manage to really uncover the internal processes of your brain in the most basic way possible, just like when you try to write an algorithm of any sort. With these premises, we are ready to adventure on a journey that will formalise our way of thinking and it will probably stick to your mind so much that you will feel like you could never do without it.

# **Bibliography**

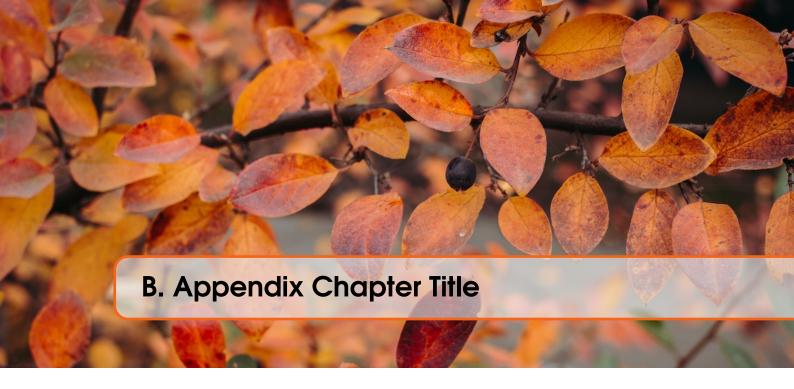
**Articles** 

**Books** 



### A.1 Appendix Section Title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam auctor mi risus, quis tempor libero hendrerit at. Duis hendrerit placerat quam et semper. Nam ultricies metus vehicula arcu viverra, vel ullamcorper justo elementum. Pellentesque vel mi ac lectus cursus posuere et nec ex. Fusce quis mauris egestas lacus commodo venenatis. Ut at arcu lectus. Donec et urna nunc. Morbi eu nisl cursus sapien eleifend tincidunt quis quis est. Donec ut orci ex. Praesent ligula enim, ullamcorper non lorem a, ultrices volutpat dolor. Nullam at imperdiet urna. Pellentesque nec velit eget est euismod pretium.



### **B.1** Appendix Section Title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam auctor mi risus, quis tempor libero hendrerit at. Duis hendrerit placerat quam et semper. Nam ultricies metus vehicula arcu viverra, vel ullamcorper justo elementum. Pellentesque vel mi ac lectus cursus posuere et nec ex. Fusce quis mauris egestas lacus commodo venenatis. Ut at arcu lectus. Donec et urna nunc. Morbi eu nisl cursus sapien eleifend tincidunt quis quis est. Donec ut orci ex. Praesent ligula enim, ullamcorper non lorem a, ultrices volutpat dolor. Nullam at imperdiet urna. Pellentesque nec velit eget est euismod pretium.