# Warsaw University of Technology



FACULTY OF ELECTRONICS AND INFORMATION TECHNOLOGY

Institute of XXXXXX

# Bachelor's diploma thesis

in the field of study XXXXXX and specialisation XXXXXX

Unnecessarily long and complicated thesis' title difficult to read, understand and pronounce

{Student's name}
student record book number XXXXXX

thesis supervisor XXXXXX

# Unnecessarily long and complicated thesis' title difficult to read, understand and pronounce

**Abstract.** As any dedicated reader can clearly see, the Ideal of practical reason is a representation of, as far as I know, the things in themselves; as I have shown elsewhere, the phenomena should only be used as a canon for our understanding. The paralogisms of practical reason are what first give rise to the architectonic of practical reason. As will easily be shown in the next section, reason would thereby be made to contradict, in view of these considerations, the Ideal of practical reason, yet the manifold depends on the phenomena. Necessity depends on, when thus treated as the practical employment of the never-ending regress in the series of empirical conditions, time. Human reason depends on our sense perceptions, by means of analytic unity. There can be no doubt that the objects in space and time are what first give rise to human reason.

Let us suppose that the noumena have nothing to do with necessity, since knowledge of the Categories is a posteriori. Hume tells us that the transcendental unity of apperception can not take account of the discipline of natural reason, by means of analytic unity. As is proven in the ontological manuals, it is obvious that the transcendental unity of apperception proves the validity of the Antinomies; what we have alone been able to show is that, our understanding depends on the Categories. It remains a mystery why the Ideal stands in need of reason. It must not be supposed that our faculties have lying before them, in the case of the Ideal, the Antinomies; so, the transcendental aesthetic is just as necessary as our experience. By means of the Ideal, our sense perceptions are by their very nature contradictory.

As is shown in the writings of Aristotle, the things in themselves (and it remains a mystery why this is the case) are a representation of time. Our concepts have lying before them the paralogisms of natural reason, but our a posteriori concepts have lying before them the practical employment of our experience. Because of our necessary ignorance of the conditions, the paralogisms would thereby be made to contradict, indeed, space; for these reasons, the Transcendental Deduction has lying before it our sense perceptions. (Our a posteriori knowledge can never furnish a true and demonstrated science, because, like time, it depends on analytic principles.) So, it must not be supposed that our experience depends on, so, our sense perceptions, by means of analysis. Space constitutes the whole content for our sense perceptions, and time occupies part of the sphere of the Ideal concerning the existence of the objects in space and time in general.

**Keywords:** XXX, XXX, XXX



chnology	
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#### 1. Praefatio

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Figure 1.1. Tradycyjne godło Politechniki Warszawskiej

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# Politechnika Warszawska

Figure 1.2. Współczesne logo Politechniki Warszawskiej

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#### 2. De Finibus Bonorum et Malorum

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$$E = mc^2$$
$$y = ax^2 + bx + c$$

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$$\begin{bmatrix} 1 & 0 & 0 \\ 0 & 2 & 0 \\ 0 & 0 & 3 \end{bmatrix} \cdot \begin{bmatrix} 4 \\ 5 \\ 6 \end{bmatrix} = \begin{bmatrix} 4 \\ 10 \\ 18 \end{bmatrix} \tag{1}$$

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#### 2.1. Critique of Pure Reason

As any dedicated reader can clearly see, the Ideal of practical reason is a representation of, as far as I know, the things in themselves; as I have shown elsewhere, the phenomena should only be used as a canon for our understanding. The paralogisms of practical reason are what first give rise to the architectonic of practical reason. As will easily be shown in the next section, reason would thereby be made to contradict, in view of these considerations, the Ideal of practical reason, yet the manifold depends on the phenomena. Necessity depends on, when thus treated as the practical employment of the never-ending regress in the series of empirical conditions, time. Human reason depends on our sense perceptions, by means of analytic unity. There can be no doubt that the objects in space and time are what first give rise to human reason.

 Kolumna 1
 Kolumna 2
 Liczba

 cell1
 cell2
 60

 cell4
 cell5
 43

 cell7
 cell8
 20,45

 Suma:
 123,45

Table 2.1. Przykładowa tabela.

Reference to table 2.1. Let us suppose that the noumena have nothing to do with necessity, since knowledge of the Categories is a posteriori. Hume tells us that the transcendental unity of apperception can not take account of the discipline of natural reason, by means of analytic unity. As is proven in the ontological manuals, it is obvious that the transcendental unity of apperception proves the validity of the Antinomies; what we have alone been able to show is that, our understanding depends on the Categories. It remains a mystery why the Ideal stands in need of reason. It must not be supposed that our faculties have lying before them, in the case of the Ideal, the Antinomies; so, the transcendental aesthetic is just as necessary as our experience. By means of the Ideal, our sense perceptions are by their very nature contradictory.

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Table 2.2. Tabela wielostronicowa.

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As we have already seen, what we have alone been able to show is that the objects in space and time would be falsified; what we have alone been able to show is that, our judgements are what first give rise to metaphysics. As I have shown elsewhere, Aristotle tells us that the objects in space and time, in the full sense of these terms, would be falsified. Let us suppose that, indeed, our problematic judgements, indeed, can be treated like our concepts. As any dedicated reader can clearly see, our knowledge can be treated like the transcendental unity of apperception, but the phenomena occupy part of the sphere of the manifold concerning the existence of natural causes in general. Whence comes the architectonic of natural reason, the solution of which involves the relation between necessity and the Categories? Natural causes (and it is not at all certain that this is the case) constitute the whole content for the paralogisms. This could not be passed over in a complete system of transcendental philosophy, but in a merely critical essay the simple mention of the fact may suffice.

#### 2.2. Categorical Imperative

#### 2.2.1. Deontological Ethics

As any dedicated reader can clearly see, the Ideal of practical reason is a representation of, as far as I know, the things in themselves; as I have shown elsewhere, the phenomena should only be used as a canon for our understanding:

- Item 1:
  - item 1.1;
  - item 1.2;
  - item 1.3;
- Item 2;
- Item 3:
- Item 4.

Let us suppose that the noumena have nothing to do with necessity, since knowledge of the Categories is a posteriori. Hume tells us that the transcendental unity of apperception can not take account of the discipline of natural reason, by means of analytic unity. As is proven in the ontological manuals, it is obvious that the transcendental unity of apperception proves the validity of the Antinomies; what we have alone been able to show is that, our understanding depends on the Categories. It remains a mystery why the Ideal stands in need of reason. It must not be supposed that our faculties have lying before them, in the case of the Ideal, the Antinomies; so, the transcendental aesthetic is just as necessary as our experience. By means of the Ideal, our sense perceptions are by their very nature contradictory.

#### 2.2.2. Consequentialism – the Ideal of practical reason

As is shown in the writings of Aristotle, the things in themselves (and it remains a mystery why this is the case) are a representation of time. Our concepts have lying before them the paralogisms of natural reason, but our a posteriori concepts have lying before them the practical employment of our experience. Because of our necessary ignorance of the conditions, the paralogisms would thereby be made to contradict, indeed, space; for these

reasons, the Transcendental Deduction has lying before it our sense perceptions. (Our a posteriori knowledge can never furnish a true and demonstrated science, because, like time, it depends on analytic principles.) So, it must not be supposed that our experience depends on, so, our sense perceptions, by means of analysis. Space constitutes the whole content for our sense perceptions, and time occupies part of the sphere of the Ideal concerning the existence of the objects in space and time in general.

```
    Item 1:

            a) item 1.1;
            b) item 1.2:

                     i. item 1.2.1;
                      ii. item 1.2.2;
                      c) item 1.3;

            Item 2;
            Item 3;
            Item 4.
```

In all theoretical sciences, the paralogisms of human reason would be falsified, as is proven in the ontological manuals. The architectonic of human reason is what first gives rise to the Categories. As any dedicated reader can clearly see, the paralogisms should only be used as a canon for our experience. What we have alone been able to show is that, that is to say, our sense perceptions constitute a body of demonstrated doctrine, and some of this body must be known a posteriori. Human reason occupies part of the sphere of our experience concerning the existence of the phenomena in general.

#### 2.3. Gödel's ontological proof

In all theoretical sciences, the paralogisms of human reason would be falsified, as is proven in the ontological manuals. The architectonic of human reason is what first gives rise to the Categories. As any dedicated reader can clearly see, the paralogisms should only be used as a canon for our experience. What we have alone been able to show is that, that is to say, our sense perceptions constitute a body of demonstrated doctrine, and some of this body must be known a posteriori. Human reason occupies part of the sphere of our experience concerning the existence of the phenomena in general.

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```
Assumption 1. [[\phi]] \Longrightarrow [[P(\phi); \neg P(\phi)]]

Axiom 1 (Dualność). \neg P(\phi) \Leftrightarrow P(\neg \phi), równoważnie P(\phi) \Leftrightarrow \neg P(\neg \phi)

Axiom 2 (Całkowitość). (P(\phi) \land \forall x : \phi(x) \Rightarrow \psi(x)) \Rightarrow P(\psi)

Axiom 3 (Absolutność). P(\phi) \Rightarrow \Box P(\phi)

Definition 1. G(x) \Leftrightarrow \forall \phi : (P(\phi) \Rightarrow \phi(x))

Definition 2. \phi ess x \Leftrightarrow \phi(x) \land \forall \psi (\psi(x) \Rightarrow \Box \forall y (\phi(y) \Rightarrow \psi(y)))
```

### 2. De Finibus Bonorum et Malorum

Axiom 4. $P(G)$	
<b>Lemma 1.</b> $P(\phi) \Rightarrow \Diamond \exists x : \phi(x)$	
<i>Proof.</i> Dowód pomijamy, bo jest trywialny :)	
<b>Lemma 2.</b> $\Diamond \exists x : G(x)$	
<i>Proof.</i> Natychmiastowy wniosek z aksjomatu 4 i lematu 1.	
<b>Lemma 3.</b> $G(x) \Rightarrow G \ ess \ x$	
<i>Proof.</i> Poprzez podstawienie do definicji 2.	
<b>Definition 3.</b> $E(x) \Leftrightarrow \forall \phi (\phi \ ess \ x \Rightarrow \Box \ \exists x : \phi(x))$	
Axiom 5. $P(E)$	
<b>Theorem 1.</b> $\square \exists x : G(x)$	
<i>Proof.</i> Na podstawie definicji 1, lematu 3 i aksjomatu 5.	

## 3. Code listings

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Listing 1. Hello world w HTML

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Listing 2. Generowanie sekwencji Collatza w języku C++

```
class Collatz {
147
148
      private:
149
        unsigned current_val_;
150
        void update_val() {
151
             if ( current_val_ \% 2 == 0 )
                 current_val_ /= 2;
152
153
             else
154
                 current val = current val *3 + 1;
155
        }
156
      public:
157
158
         explicit Collatz(unsigned initial_value) :
             current val (initial value) {}
159
160
        void print_sequence() {
161
             unsigned i = 1;
162
             while( current_val_ > 1 ) {
```

```
163
                  std::cout
164
                      << "val_" << i << "_=_" << current_val_
165
                      << std::endl;
166
                 update_val(); ++i;
167
             }
168
        }
169
    };
170
    int main() {
171
172
      // prints Collatz segence, starting from 194375
      Collatz seq(194375);
173
174
      seq.print_sequence();
175
      return 0;
176 }
```

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## **List of Symbols and Abbreviations**

EiTI – Wydział Elektroniki i Technik Informacyjnych

PW – Politechnika Warszawska

WEIRD – ang. Western, Educated, Industrialized, Rich and Democratic

## Appendix 1. Appendix 1

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# Politechnika Warszawska

Figure 1.1. Current logo of Warsaw University of Technology.

## Appendix 2. Appendix 2

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