

# EXPRESSIONS TO INTRODUCE IDEAS

Master 1



# THE OUTLINE

- **Introduction/ Definition**
- **Expressions to introduce ideas in :**
- **1) Abstract**
- Introductory sentences
- **2) Sections of the paper**
- Introduction
- Problem background, state of the art
- Literature review/Summary of previous research
- Problem statement, purpose/main objective of the paper
- Framework of the paper
- Body/Core of the paper
- Materials and Methods/Methods of Approach
- Results
- Discussion
- Conclusion
- Acknowledgement





# INTRODUCTION

Many non-native researchers begin their writing career by reading extensively about their topic in English, and noting down useful generic phrases that they can then 'paste' into their own work. You can use such phrases as a template / structure for your paper into which you insert your own data. You at least know that these ready-made phrases are in correct English. You do not risk being accused of plagiarism because of the very generic nature of the phrases.

**Definition** : The expressions that we use to introduce ideas, they placed at the beginning and they must be clearly stated and work on attracting the reader's attention as well as providing him with a brief overview of ideas, next information , and steps. The reader must have a clear idea of what to expect from the rest of the research paper.





# ABSTRACT

## Introductory sentences

- The paper/article
- discusses/dealswith/analyzes/considers/explains/describes/establishes/introduces.....
- develops/presents/provides/studies/represents/features/contains / concentrates on.....
- covers/suggests/proposes/shows.....
- demonstrates the feasibility of.....
- opens up a new field/issue
- gives/aims to give a comprehensive account of.....
- serves as an introduction to.....
- The main objective/goal/purpose of the paper/article is.....



Abstract



# SECTION OF THE PAPER

## Introduction

In most cases, the Introduction section is treated as a whole and is not divided into subsections. The subheadings below should only help you organize the information.

## Problem background, state of the art

- ..... plays an important/vital role in ....
- ..... is an important issue for .....
- ..... is extensively/widely used in .....
- ..... is a very effective method for .....
- In the last few years there has been a growing interest in .....
- Quite recently, considerable attention has been paid to .....
- ..... have/has been gaining importance in recent years .....
- ..... have/has been utilized in many applications such as .....





# Literature Review/Summary Previous Research

## 1) Referring to the sources in general

- Current research on ..... is focused on .....
- Previous studies indicate that .....
- The literature on ..... shows a variety of approaches
- Much research on ..... has been done.
- The focus of recent research has been on .....
- In recent years, research on/into ..... has become very popular.
- In the last decade ..... has attracted much attention from research teams .....
- Previous research has documented/shown/demonstrated that .....

## 2) Referring to individual authors

- X [4] and Y [3] indicate that .....
- X et al. [1] argue that .....
- One of the first examples of ..... is presented in [2].
- Another/The latest solution is described in [3].
- The results obtained/offered by X in [5] suggest that .....
- Recently, several authors [4], [5], [7] have proposed (a new theory) .....
- A/The most interesting approach to this issue has been proposed by [2].
- X [6] has also found that ..... . However, our researchers have arrived at the conclusion/have concluded that .....



L.R

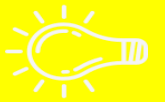


### 3) Saying that the research has been done in a particular field

- However, to the author's/authors' best knowledge, very few publications can be found/are available in the literature that discuss/address the issue of ....
- To the author's/authors' knowledge, ..... has/have been investigated from the point of view of..... /from the theoretical point of view.

### 4) Pointing out limitations of previous research

- A key limitation of this research is that (it does not address the problem of .....)
- The major drawback of this approach is.....
- However, most of the previous studies do not take into account.....
- This approach may not be practical/orthodox/conventional in all situations.
- Nevertheless, there are still some interesting and relevant problems to be addressed. However, studies on ..... are still lacking.
- Although several studies have indicated that ....., little attention has been paid/given to....



L.R



# Problem Statement, Purpose/Main Objective of the Paper

Problem statement and description of the objective of the paper are very specific parts of the paper and the phrases used depend on the nature of the problem. Examples showing how closely this part is related to the literature review and previous research are given below:

- Based on the approach presented in [3], the purpose of this paper is to....
- In this paper, while we refer to our earlier work [2], [3], and [4], the focus is different.
- Like most authors, we .....
- The objective/aim of this paper/study is to propose .....
- The paper presents/proposes a new approach to .....
- This article introduces a new type of .....
- In this paper, we explore the possibility of .....
- In this study, a new technique that improves ..... is suggested.
- See also Abstract, Introductory sentences.



P/M





## **Frame work of the paper (usually the last part of the Introduction)**

- The remainder of the paper is organized as follows/into ..... sections:  
Section II describes/outlines ....., Section III discusses/analyses ..... .  
(Experimental results) are presented in Section IV; Section V concludes the paper.  
In Section II, ..... will be discussed. Section III is devoted to ..... . Section IV presents (the experimental results). The conclusion is reported in Section V.  
The proposed (design) is discussed in Section II (The implementation of the proposed design) is presented in Section III. Section IV shows (the experimental results of.....).
- Finally, Section V concludes with a summary.  
In Section II we explain ..... . In Section III we introduce our ..... . The measurements are presented in Section IV.
- Section V summarizes the results of this work and draws conclusions.



**Results**



# Body/Core of The Paper

## General information

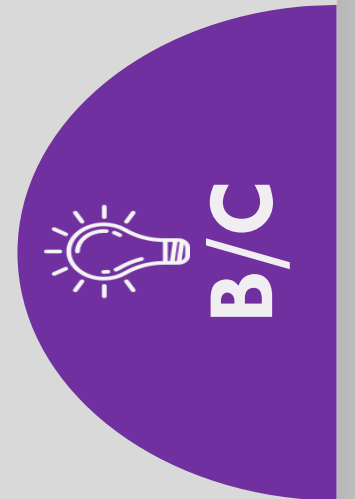
The Body of the paper is very specific in its content. For this reason, the number of generally applicable phrases is smaller than in the other parts. Examples of some of these phrases are given below.

- There are, however, linguistic means common to all kinds of research papers, i.e. words and phrases expressing cause, results, addition, similarity, etc. For lists and usage of these words and phrases see:
- A Remedial Course in English Grammar: Clauses and Guidelines for Academic Writing: Text structure.

## Materials and Methods/Methods of Approach

### a) Describing what was done and how it was done

- We started by investigating .....
- We used a new approach.
- These experiments were carried out to find out .....
- In order to verify the validity of the ..... method, we carried out several experiments.
- All the tests/measurements were carried out at room temperature.





### **b) Describing numerical methods**

- Equation (2) represents/defines/expresses .....
- Equations (5) and (6) approximate (the original formulas).
- The function  $f$  is given/defined by.....
- To simplify (3) we can .....
- For simplicity we ignore the dependence of ..... on .....
- It follows from (3) that .....
- Substituting/inserting (4) and (6a) in(to) (6b), we obtain .....
- Substitution/Insertion of (4) in(to) (5) yields .....
- Now we can derive ..... according to (2)

### **c) Referring to/Describing figures, graphs, tables, diagrams**

- Fig. 2 shows/presents/depicts/outlines/illustrates/represents .....
- Fig. 3 gives an example of .....
- This is illustrated in Fig. 5.
- Consider Fig. 2, which plots ..... versus/against ..... .
- As can be seen from Figs. 5 and 3, .....
- As follows from the figures shown above, .....
- From this figure it can be seen that .....
- For the resulting plot, see Fig. 2.
- For visual representation of the dependence ..... the reader is referred to Tables V and VI.
- Table II summarizes .....
- The graph/diagram suggests/indicates that .....





# RESULTS

Some of the phrases listed under Materials and Methods may also be suitable for the Results section, e.g. summarizing what was done, referring to diagrams, graphs, etc.

- The results thus obtained are compatible with .....
- The overall measurement results are summarized in Table II.  
The method was tested on .....
- The analysis and simulation indicate that .....
- As may be seen below, .....
- We have introduced a new approach to .....
- One of the big advantages of (this approach/method) ..... is that .....
- The only disadvantage/drawback of such ..... is .....
- There is no evident relationship between ..... and .....
- There is a good match between ..... and .....
- The differences in (temperature) result in significant differences in .....
- The decrease/increase in ..... can be contributed to .....
- This solution requires .....



Results



# DISCUSSION

## 1) Stating the main objective

- In this paper we propose/examine/study .....
- This paper proposes/has proposed .....
- The purpose of the paper/study is to .....
- The main concern of the paper was to .....
- In our paper, the focus of attention was/is on .....
- This experiment/technique/demonstrates that .....

## 2) Specifying the objective

- The author's attention was focused/concentrated not only on ..... but also on .....
- We have addressed not only ..... but also .....
- We have also considered the consequences of .....

## 3) Pointing out the originality of the solution

- Our paper presents an innovative/a novel view of .....
- The originality of our solution lies in the fact that .....
- This is a novel solution to .....
- Our results describe for the first time the .....
- To our knowledge, this is the first study to deal with/examine/investigate .....
- Only one other study, to our knowledge, has come up with .....





#### **4) Interpreting the facts**

- The data obtained is/are broadly consistent with the major trends .....
- These results agree/concur/are consistent/are in good agreement with other studies which have shown that .....
- In contrast to some reports in the literature, there were .....
- An important implication of these findings is that .....
- The finding was quite unexpected/surprising and suggests that .....
- The most likely explanation of the negative result is .....

#### **5) Stating the limitations of the research**

- The main limitation of the experimental result is .....
- One question still unanswered is whether .....
- The analysis does not enable us to determine .....
- These results are not conclusive.

#### **6) Suggesting possible applications**

- The proposed method can be readily used in practice.
- The technique/approach/result is applicable to .....
- ..... can be successfully used for a number of ..... applications.
- The/our ..... has great potential for other applications such as .....
- This research was concerned with .....; however, the results should be applicable also to .....





# CONCLUSION (S)

The Conclusion(s) section usually starts with:

## **Stating the objective**

The objective presented in the Conclusion(s) section should agree with the objective stated in the Introduction. For suitable phrases see Introduction and Discussion.

## **Drawing conclusions**

From the research that has been carried out/done/conducted/performed/undertaken, it is possible to conclude that .....

From the outcome of our investigation it is possible to conclude that .....

Summing up the results, it can be concluded that .....

In conclusion, it is evident that this study has shown .....

## **Suggesting possible application(s)**

The proposed method can be readily used in practice.

The technique/approach/result is applicable to .....

This research was concerned with .....; however, the results should be applicable also to .....

The findings suggest that this approach could also be useful for .....

## **Suggesting further research**

In our future research we intend to concentrate on .....

Future work will involve .....

The next stage of our research will be (experimental confirmation of our theory).

Further study of the issue would be of interest.

More research into ..... is still necessary before obtaining a definitive answer to .....



Conclusion



# ACKNOWLEDGMENT

## Thanking for assistance, acknowledging financial assistance

The authors would like to thank their colleagues/Dr X and Dr Y for

- many useful comments and discussions on .....
- their valuable insights and recommendations
- their technical assistance
- their contribution in conducting some of the experiments for the research

The authors would like to acknowledge the valuable comments and suggestions of the reviewers, which have improved the quality of this paper.

The authors wish to acknowledge the assistance and support of .....

The authors appreciate the efforts and assistance of ....., regarding .....

The authors' thanks are also extended to Dr Y for his support and help in completing the paper.

The author would like to extend his/her thanks to (name of institution) for its support in implementing the project.

The authors gratefully acknowledge the generous financial support of (name of institution).

## Stating financial support

This research/work was supported by the European Regional Development Fund and Ministry of Education, Youth and Sports of the Czech Republic under Project No.



Acknowledge

-nt



# REFERENCE LIST

## Retrieved from:

- [https://www.springer.com/cda/content/document/cda\\_downloaddocument/Free+Download+-+Useful+Phrases.pdf?SGWID=0-0-45-1543172-p177775190](https://www.springer.com/cda/content/document/cda_downloaddocument/Free+Download+-+Useful+Phrases.pdf?SGWID=0-0-45-1543172-p177775190)
- <http://webcache.googleusercontent.com/search?q=cache:DxeDfgaLp64J:en.fel.zcu.cz/AE%2520III%2520Guidelines%2520for%2520Academic%2520Writing/How%2520to%2520write%2520a%2520paper/Useful%2520phrases.pdf+&cd=3&hl=fr&ct=clnk&gl=dz>
- <https://www.ref-n-write.com/trial/research-paper-sample-writing-introduction-section-academic-phrasebank-vocabulary/>





**THE END**

**THANK YOU**

