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LARBI TEBESSI UNIVERSITY



FACULTY OF EXACT SCIENCES AND SCIENCES OF NATURE AND  
LIFE  
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

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# Takalem : A deep learning approach for Algerian sign language recognition

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## Dedication

*To my adorable mother  
To my dear father  
To my dear sisters  
To my dear brothers  
To my dear grandmother  
To all my uncles, aunts and cousins  
To all my friends and colleagues  
To every one who have supported me*

Fathi Abdelmalek

## Acronyms

## Abstract

content...

***Keywords***— one, two, three, four

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## Part I

# State of the art

## 1 Section 1

### 1.1 Sub Section

#### 1.1.1 Sub Sub Section

**paragraph** Artificial Intelligence contains Machine Learning which contains Neural Network and Deep Learning which contains Convolutional Neural Network and Recurrent Neural Network

**sub paragraph** The field of Artificial Intelligence has made significant advances in recent years.

## 2 Section 2

## Part II

# Contribution

## 3 Section 3



## References