



Pr. Abdelhamid DJEFFAL

Curriculum Vitae

PERSONAL INFORMATION

<i>Date and place of birth</i>	<i>January 05 1973 in Elfeidh, Biskra, Algeria</i>
<i>Family situation</i>	<i>Married, 05 children</i>
<i>Address</i>	<i>Department of Computer Science, University of Biskra. B.P.145, RP Biskra 07000.</i>
<i>Mobile Phone</i>	<i>0772863520</i>
<i>Landline Phones</i>	<i>044238031</i>
<i>Fax</i>	<i>033543241</i>
<i>E-mail</i>	<i>abdelhamid.djeffal@univ-biskra.dz</i>
<i>Website</i>	<i>www.abdelhamid-djeffal.net</i>

TRAINING & DEGREES

Baccalaureate <i>Technical High School, Sidi Okba - Biskra</i> <ul style="list-style-type: none">- Option : Math-technique- Mention : pretty good	June 1991
Engineer in Computer Science <i>National Institute of Informatics, Oued Smar - Algiers</i> <ul style="list-style-type: none">- Option : Computer Systems.- End of study topic : Host mobility in distributed systems.- Mention : Very good	1991-1997
Visual Audio Maintenance Internship <i>Electronic Technology School, Rouiba - Algiers</i> <ul style="list-style-type: none">- Specialty : TV, Radio, Video, Demo, Camera.	10-12/1996
Magister in Computer Science <i>Mohamed Khider University - Biskra</i> <ul style="list-style-type: none">- Option : Artificial Intelligence and Images.- Subject : Compression of video images by motion estimation- Mention : Very good.	2001-2004
Phd in Computer Science <i>Mohamed Khider University - Biskra</i> <ul style="list-style-type: none">- Subject : Using SVM Techniques in Database Analysis- Mention : Very honourable	2006-2012
HDR <i>Mohamed Khider University - Biskra</i> <ul style="list-style-type: none">- Date : June 04 2016	2012-2016
Professor <i>Mohamed Khider University - Biskra</i> <ul style="list-style-type: none">- Date : December 2021	2016-2021

WORK EXPERIENCE

Computer Teacher and Computer Center Manager <i>National Service</i>	1999-2001
Head of IT Unit <i>Education Directorate - Biskra</i> <ul style="list-style-type: none">- Payroll service Engineer.- Installation and administration of an intranet	12/2001-11/2004
Assistant Master <i>Department of Computer Science, University of Biskra</i>	12/2004-12/2007
Assistant Lecturer (MAA) <i>Department of Computer Science, University of Biskra</i>	12/2007-05/2012
Lecturer class B <i>Department of Computer Science, University of Biskra</i>	06/2012-06/2016
Lecturer class A <i>Department of Computer Science, University of Biskra</i>	06/2016-today
Departmental Scientific Committee Member <i>Department of Computer Science, University of Biskra</i>	02/2008-02-2014
Assistant Postgraduate Department Head <i>Department of Computer Science, University of Biskra</i>	10/2006-10/2010
Charged of computer science division <i>Department of Computer Science, University of Biskra</i>	06/2012-09/2013
Head of SIOD specialty (Optimization and Decision Computing) <i>Department of Computer Science, University of Biskra</i>	01/2016 - 12/2017
Assistant Postgraduate Department Head <i>Department of Computer Science, University of Biskra</i>	01/2018-04/2021
Head of computer science Department <i>Department of Computer Science, University of Biskra</i>	04/2021-01/2022
Vice rector in charge of pedagogy <i>University of Biskra</i>	02/2022-ce jour

TEACHING

Data Warhousing and Data mining

01/2017 - 05/2017

Department of Computer Science, University of Biskra

- Level : 1st Master year
- Option : Artificial Intelligence
- Weekly Volume : 1 Course + 1 practical work

Sequential Data Analysis Course

09/2016 - today

Department of Computer Science, University of Biskra

- Levels : 2nd Master year
- Option : Computer Science of Optimization and Decision
- Weekly Volume : 1 Course + 1 tutorial class

Machine Learning Course : Basics

01/2016 - 06/2016

Department of Computer Science, University of Biskra

- Levels : 1st year Computer science for Optimization and Decision Master
- Option : Computer
- Weekly Volume : 1 Course + 1 practical work

Computer Networks Course

02/2015 - today

Department of Computer Science, University of Biskra

- Levels : 2nd year License LMD
- Option : Computer science
- Weekly Volume : 1 Course + 1 PW + 1 TC

Computer Network Course

09/2015-today

Department of Computer Science, University of Biskra

- Levels : 2nd year Master LMD
- Option : Networks and Technologies of Information and Communication
- Weekly Volume : 1 Course, 1TC, 1PW

Advanced Data Mining Course

10/2010-today

Department of Computer Science, University of Biskra

- Levels : 2nd Master year
- Option : Computer Science of Optimization and Decision
- Weekly Volume : 1 Course, 1TC, 1PW

Advanced Techniques for Indexing and Image Classification

10/2013-01/2015

Department of Computer Science, University of Biskra

- Levels : 2nd year Master LMD
- Option : Computer Science for Decision and Multimedia
- Weekly Volume : 1 Course, 1PW

Computer Networks Course

09/2013-01/2015

Department of Computer Science, University of Biskra

- Levels : 3rd year License LMD
- Option : Computer sciences
- Weekly Volume : 2 Courses

Accelerated Website Development course

Feb 2011

Education Directorate, Wilaya of Biskra

- Levels : Computer Engineers of South-East Education directorates
- Option : Dynamic Websites (HTML, Javascript, PHP and SQL)

Local Industrial Network Courses

10/2006-02/2011

Department of Computer Science, University of Biskra

- Levels : 5th year Engineer
- Option : Industrial computing
- Weekly volume : 2 classes

computer Networks

10/2004-06/2006

Department of Computer Science, University of Biskra

- Levels : 4th year Engineer

– Weekly Volume : 1 TC	
Files course	10/2004-06/2006
<i>Department of Computer Science, University of Biskra</i>	
– Levels : 1st year DEUA	
– Weekly volume : 1 course + 1TC	
Algorithms Course 1 and 2 (S1 and S2)	10/2006-06/2013
<i>Department of Computer Science, University of Biskra</i>	
– Levels : 2 nd year License LMD	
– Weekly Volume : 2 courses + 1TC + 1PW	
Data Mining Course	02/2008-06/2008
<i>Department of Computer Science, University of Biskra</i>	
– Levels : 3 rd year License LMD	
– Weekly volume : 1 course	
Network Programming Course	02/2008-06/2008
<i>Department of Computer Science, University of Biskra</i>	
– Levels : 3 rd year License LMD	
– Weekly Volume : 1 Course + 1 PW	
Operational Research Course	10/2007-06/2008
<i>UFC, University of Biskra</i>	
– Levels : 3rd IT DUEA	
– Weekly Volume : 2 Course + 1TC	
Algorithms Course and BASIC Language	03/2001-06/2001
<i>Department of Management Informatics, University of Biskra</i>	
– Levels : 1st DUEA Computer science of Management	
– Weekly Volume : 2 Courses + 1TC + 1PW	
Computer science Course	03/2005-06/2006
<i>Department of Economics, University of Biskra</i>	
– Levels : 1st year LMD management	
– Weekly Volume : 1 Course + 1PW	
Algorithms Course in PASCAL	1997-1999
<i>EPSIMA School</i>	
– Levels : 1st year TS	
– Weekly volume : 1 course + 1TC + 1PW	
Computer science Course	1998-1999
<i>Common Core Department, University of Biskra</i>	
– Levels : 1st year Common core	
– Weekly Volume : 1TC	
Computer science Course	1999-2001
<i>National Service</i>	
– Levels : 1st year Specialty	
– Weekly Volume : 1 Course + 1PW	

SUPERVISING

DEUA Thesis	2003/2004
<i>Atallah Houcine & Bekkar Khaled</i>	
Solving the business traveller problem by the taboo search method	
Engineer Thesis	2004/2005
<i>Merdassi Nassima</i>	
Mutual exclusion in mobile environments	
Engineer Thesis	2005/2006
<i>Goubaa Alimam Alaadel & Bezziou Daoud</i>	
Solving the scheduling problem with the Tabu-search method	

Engineer Thesis <i>Merzougui Ouarda & Chelouai Samia</i> Steganography for the protection of communications and copyright of images	2005/2006
Engineer Thesis <i>Zaiz Fouzi & Hmidani Lazhar</i> Conception and implementation of a speech calculator based on the SVM learning	2006/2007
Engineer Thesis <i>Benchaabane Moufida & Bouzidi Imène</i> Automatic detection of road boundaries	2006/2007
Engineer Thesis <i>Temmam Adel & Boucetta Mohamed</i> Design and construction of a website for the Biskra DE payroll service	2007/2008
Engineer Thesis <i>Hamadou Naila & Gessoum Hafidha</i> Analysis of databases by decision trees	2008/2009
Engineer Thesis <i>Regueb Salah & Rais Houssamedine</i> Automatic date selection by SVM	2008/2009
License Thesis LMD <i>Sayeh Abdelmalik & Mabrouki Mahdi</i> Using Genetic Algorithms in Data Mining	2009/2010
Engineering Thesis <i>A. Chikhaoui & Mouada Ikram</i> Comparative study of SVM methods 1vR and 1vs1	2009/2010
License Thesis LMD <i>Hamama Brahim</i> Frequent patterns for the analysis of meteorological data (application on the Biskra region)	2010/2011
License Thesis LMD <i>Souissi Mounir</i> SVM multiclass by decision trees	2010/2011
Engineer Thesis <i>Atallah Hocine & Brihoum Rachid</i> Assignment of bank credits by the SVM method	2010/2011
Master Thesis <i>Hermes Soumia</i> SVM mono-class for learning from data	2010/2011
Master Thesis <i>Toumi Mounir</i> Data mining techniques for CRM problems in banks	2011/2012
Master Thesis <i>Soltani Khaoula</i> Use of data mining tools for detecting bank fraud	2011/2012
Master Thesis <i>Hamama Brahim</i> Unsupervised learning by support vector machines, application on the segmentation of meteorological satellite images	2013/2014
Master Thesis <i>Souici Mounir</i> Unsupervised Learning by Support Vector Machines - Application to Fingerprint Classification	2013/2014
Master Thesis	2013/2014

<i>Righi El-amin</i>	Data mining techniques for customer relationship management in banks	2013/2014
Master Thesis		
<i>Serhani Haroun</i>	Using data mining techniques to optimize marketing campaigns in banks	2014/2015
Master Thesis		
<i>Benchouia Hafedh</i>	Detection of bank fraud by searching for sequential frequent reasons	2014/2015
Master thesis		
<i>Bziou Abdelhalim</i>	SVC Clustering of N Attribute Data Sets	2014/2015
Master Thesis		
<i>Rekis Mohamed Lamine</i>	Genetic algorithms for supervised database learning	Supported 02/2015
Co-supervisor of doctoral thesis		
<i>Bentrah Ahlem</i>	Interactive motion editing for camera placement	2015/2016
Master Thesis		
<i>Boumaaraf Ibtissam</i>	Sort dates by detailed characteristics	2015/2016
Master Thesis		
<i>Saadi Mebarka</i>	Video indexing by visual content	2015/2016
Master Thesis		
<i>Daira Hakima</i>	Design and implementation of a video indexing tools	2016/2017
Master Thesis		
<i>Elhani Djenaihi</i>	Selection of routing paths in mobile ad-hoc networks by carrier vector machines	2016/2017
Master Thesis		
<i>Naceri Elhachemi</i>	Support Vector Machine for multi-label classification	2016/2017
Master thesis		
<i>Benhamza Hiba</i>	Automatic detection of falsified digital documents	Supported 07/2017
Co-supervisor of doctoral thesis		
<i>Zaiz Fouzi</i>	Jigsaw-based technique/SVM for improved recognition of handwritten Arabic text	2016/2017
Master thesis		
<i>Agti Sana</i>	One-classe SVM for forgery detection in administrative digital documents	2017/2018
Master thesis		
<i>Sid Zineb</i>	Deep learning for image based sorting	2018/2019
Master thesis		
<i>Bekiri Romaissa</i>	Remote medical monitoring based on data mining	2019/2020
Master thesis		
<i>Baarir Fatma Nihel</i>	Fake news detection using machine learning	

Master thesis <i>Hamlaoui Halima</i> Terahertz and infrared images for interior quality control of date fruit	2019/2020
Phd thesis <i>Mazari Ahmed Cherif</i> Contribution à l'amélioration de la recherche d'information par utilisation des méthodes sémantiques : application à la langue arabe	09/02/2022
Co-supervising of PHD thesis <i>Zaiz Fouzi</i> Puzzle / SVM based technique for improving the recognition of handwritten Arabic text	07/2017
Co-supervision of PHD thesis <i>Bentrah Ahlem</i> Interactive motion editing for camera placement	01/2016

INTERNSHIPS

Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> PhD Thesis Preparation, Bibliographic Research	18/03-04/04/2008
Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> PhD Thesis Preparation, Program Discussion and Validation	23/12/08-20/01/09
Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> PhD Thesis Preparation, Discussion and Preparation of Articles	09/01/10-23/01/10
Short Term Internship <i>Software Engineering Laboratory, Philadelphia University - Jordan</i> PhD Thesis Preparation, Collaboration and Thesis Preparation	05/03-20/03/2011
Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> PhD thesis preparation, Ph.D. thesis writing	04/06-16/07/2011
Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> Research, Preparation of HDR	16/01-26/01/2013
Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> Research, Preparation of University Empowerment	15/09-29/09/2013
Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> Research, Preparation of HDR	24/01-07/02/2015
Short Term Internship <i>LAMIH Laboratory, Valenciennes - France</i> Research, Preparation of HDR	29/09-10/10/2015
Short Term Internship <i>LIRIS, INSA Laboratory, Lyon - France</i> Research, Collaboration	05/02-19/02/2017
Short Term Internship <i>LRI and TIM Laboratories , Morocco</i> Research, Collaboration	10/02-18/02/2018
Short Term Internship	03/03-13/03/2020

Yıldız Technical University

Research, Collaboration

Short Term Internship

29/12/2022–05/01/2023

ENSAT, Tunis

Research, Collaboration

RESEARCH

Research Associate in a CNEPRU Project

01/01/05-31/12/08

Laboratory : LESIA, University of Biskra

Title : Video image compression by motion estimation and wavelet with hierarchical coding

Member of a CNEPRU Project

01/01/09-31/12/13

Laboratory : LESIA, University of Biskra

Title : 3D Hierarchical Reconstruction Applied to the Study of Plant Growth in Image Synthesis

Member of a CNEPRU Project

01/01/12-31/12/15

Laboratory : LESIA, University of Biskra

Title : Datamining technique for computer vision

Member of a PNR project

01/06/11-01/06/14

Laboratory : LESIA, University of Biskra

Title : Techniques and Decision Support Tools for Banking Services

Senior member of a TASSILI project

01/01/12-31/12/15

Laboratories : LESIA-Biskra & LAMIH-Valenciennes

Title : Camera positioning aid for motion capture

Head of PRFU project

01/01/18-31/12/2021

Laboratory : LESIA, University of Biskra

Title : Dates automatic sorting using machine learning

Head of PRFU project

01/01/2022-today

Laboratory : LESIA, University of Biskra

Title : Machine learning for forgery detection

EXPERTISE AND EVALUATION

Expertise of a post-doctorat project

2019

University of Tartu, Faculty of Science and Technology, Institute of Computer Science

Title : Deep Learning Techniques for Automated Analysis of Medical Images

Expertise of a course material of Dr. Mokhtari Bilal

2020

Université of Biskra

Title : IT for management

Expertise of a course material of Dr. Abbache Farid

2019

Université of Batna 2

Intitulé : Advanced programming of human-machine interfaces

Expertise of a course material of Dr. Aiadi Oussama

2019

Université of Ouargla

Title : General computing

Expertise of HDR of Dr.

Aksa Karima

2017

University of Batna 2

Expertise of HDR of Dr. Nessah Djamel <i>University of Biskra</i>	2017
Expertise of HDR of Dr. Kouahla Mohamed Nadjib <i>University of Biskra</i>	2017
Expertise of HDR of Dr. Bradji Louardi <i>University of Biskra</i>	2017
Expertise of HDR of Dr. Ziani Benameur <i>University of Laghouat</i>	2018
Expertise of HDR of Dr. Zianou Ahmed Seghir <i>University of Biskra</i>	2018
Expertise of HDR of Dr. Elhilali Kerkouche <i>University of Biskra</i>	2018
Expertise of HDR of Dr. Djedi Chawki <i>University of Biskra</i>	2018
Expertise of HDR of Dr. Harrag Fouzi <i>University of Setif 1</i>	2019
Examination of PHD of Mme Tamen Zahia <i>USTHB</i>	2017
Examination of PHD of Mme Debbagh Farah <i>University of Biskra</i>	2017
Examination of PHD of Mme Azzaz Nafissa <i>USTHB</i>	2017
Examination of PHD of Mr Mesbahi Nadjib <i>University of Biskra</i>	2018
Examination of PHD of Mr Yous Hamza <i>USTHB</i>	2018
Examination of PHD of Mr Abbache Farid	2018

University of Batna 2

**Examination of PHD of
Mr Naili Makhlouf**
University of Biskra

2019

**Examination of PHD of
Mme Saadna Yasmina**
University of Batna 2

2019

**Examination of PHD of
Mr Saouli Abdelhak**
University of Biskra

2019

**Examination of PHD of
Ms Lechlek Loubna**
University of Biskra

2019

**Examination of PHD of
Mr Dilekh Tahar**
University of Batna 2

2019

**Examination of PHD of
Mr ZERROUGUI Salim**
University of Oum Bouaghi

2020

**Examination of PHD of
Ms Mancer Soumia**
University of Biskra

2020

**Examination of PHD of
Ms Saliha MEZZOUDJ**
University of Batna

2020

**Examination of PHD of
Ms Sarra BABAHENINI**
University of Biskra

2021

**Examination of PHD of
Mr BENAÏSSA Khireddine**
University of Biskra

2021

**Examination of PHD of
Ms Ikram BOUBECHAL**
University of Batna

2021

**Examination of PHD of
Ms Abir Derouiche**
University of Constantine

2021

**Examination of PHD of
Ms Naima MERZOUGUI**
University of Biskra

2021

Examination of PHD of Mr OURLIS Lazhar <i>University of Batna</i>	2021
Examination of PHD of Mr Sahraoui Mohamed <i>University of Biskra</i>	2021
Examination of PHD of Mr LAABASSI Karim <i>National Higher Agronomic School</i>	2022
Examination of PHD of Mr AOUDIA Idir <i>University of Biskra</i>	2022
Examination of PHD of Mr SASSI Abdessamad <i>University of Biskra</i>	2022

NATIONAL COMMUNICATIONS

1. Bentrach Ahlem, Med Chaouki Babahenini, Pudlo Philippe, Ahmed-Abdelmalik Taleb, Djaffel Abdelhamid. Creation of interactive scenes for positioning cameras for motion capture. *Algerian Day of Biomechanics and Innovation in Biomaterials (JABIBio 2014)*, National Polytechnic School, Oran, Algeria, 19 May 2014.
2. Djeflal Abdelhamid. Intelligent sorting machine for dates based on images. *National Workshop on the Date Chain in the Ziban Region : Findings, Opportunities and Challenges*, Department of Agronomy, University of Biskra March 05,06 2013
3. Faouzi Zaiz, Djeflal Abdelhamid and Babahenini Mohamed Chaouki. Contribution to the segmentation of the Arabic manuscript text : A two-passes method. *3rd Doctoral Days in Computer Science of Guelma*, Guelma, Algeria 4 - 5 December 2013.
4. Zaiz Fouzi, Djeflal Abdelhamid and Babahenini Mohamed Chaouki. SVM for recognition of Arabic handwritten characters. *7th Biskra National Seminar SNIB'2010*, Biskra 02-04 November 2010

INTERNATIONAL COMMUNICATIONS

1. Boumaaraf Ibtissam, Slimane Mohamed Aymene, Abdelhamid Djeflal, Multiface and Infrared Images for High Dates Sorting Precision, *11th International Conference on Information Systems and Advanced Technologies*, 22–23 December 2021, Annaba, Algeria
2. Hiba Benhamza, Abdelhamid Djeflal and Abbas Cheddad, Image forgery detection review, *9th International Conference on Software Engineering and New Technologies ICSENT'2021, Annaba, Algeria*, 22–23 July 2021
3. Nour El Houda Larouci, Somia Sahraoui, Abdelhamid Djeflal, Machine Learning for Routing in IoT : a Review, *International Conference on Advances in Communication Technology, Computing and Engineering (ICACTCE'21)*, Morocco, March 24-26, 2021
4. Ahmed Cherif Mazari, Abdelhamid Djeflal, Hetiri Messaoud, Deep Learning-Based Sentiment Analysis of Algerian Dialect during Hirak 2019, *2020 2nd International Workshop on Human-Centric Smart Environments for Health and Well-being (IHSH)*, Boumerdes, Algeria, 2021, 9-10 Feb. 2021

5. Nihel Fatima Baarir, Abdelhamid Djeflal, Fake News detection Using Machine Learning, *2020 2nd International Workshop on Human-Centric Smart Environments for Health and Well-being (IHSH)*, Boumerdes, Algeria, 2021, 9-10 Feb. 2021
6. Bekiri Romaiassa, Djeflal Abdelhamid, Hetiri Messaoud, A Remote Medical Monitoring System Based on Data Mining, *1st International Conference on Communications, Control Systems and Signal Processing (CCSSP)*, EL OUED, Algeria, 16-17 mai 2020
7. Mazari Ahmed Cherif, Djeflal Abdelhamid, Contribution à l'amélioration de la recherche d'information par utilisation des méthodes sémantiques application à la langue arabe, *The 1st Workshop on Systems-of-Systemns, Cybersecurity, Communication, Software Architecture, and Product Lines SCAP'19*, Biskra, Algeria, 15-17 December 2019
8. Agti Sana, DRID Abou Bakr Seddik, Djeflal Abdelhamid, Digital administrative documents forgery detection using One-class SVM, *2nd International Conference on Artificial Intelligence and Information Technology ICA2IT*, Ouargla, Algeria, March 04 – 06, 2019
9. Boumaraf Ibtissam, Djeflal Abdelhamid, DRID Abou Bakr Seddik, Designing sorting dates machine using embedded system, *Second International Conference on Electrical Engineering ICEEB2018*, December 2-3 2018, Biskra, Algeria
10. E. DJENAIHI, A. DJEFFAL. A Routing Based on Media Vector Machines for Ad-hoc Networks, University of Abdelhamid Ibn Badis, Mostaganem, Algeria, 3rd - 4th December 2017.
11. Boumaraf Ibtissam, Djeflal Abdelhamid, DRID Abou Bakr Seddik. Designing sorting dates machine using embedded system, Second International Conference on Electrical Engineering ICEEB'2018, December 2-3 2018, Biskra, Algeria
12. H. BENHAMZA, A. DJEFFAL. Detection of false administrative documents by vector support machines, *University of Abdelhamid Ibn Badis, Mostaganem, Algeria, 3rd - 4th December 2017*.
13. Djeflal Abdelhamid, Boumaaraf Ibtissam. SORTING OF DATES BASED ON DETAILED CHARACTERISTICS, *International Workshop on the Sustainability of Phoenicultural Production Systems in Algeria* University of Biskra, December 6th and 7th 2016
14. Djeflal Abdelhamid, Souissi Mohamed Mounir, Chelouai Abdelhey. 3D Support Vector Clustering for fingerprinting segmentation, *ESI, Algiers, Algeria, 15-17 November 2015*
15. Djeflal Abdelhamid, Souissi Mohamed Mounir, Chelouai Abdelhey. Support Vector Clustering for high-precision classification : application to fingerprinting segmentation, *Fourth International Conference on Image and Signal Processing and their Applications (ISPA'2015)* University of Abdulhamid Ibn Badis, Mostaganem, Algeria, September 6, 2015
16. Ahlem Bentrach, Chaouki Babahenini, Abdelhamid Djeflal, Philippe Pudlo and Taleb-Ahmed Abdelmalik. Online Motion Retargeting Method for Topologically Different Characters Based Inverse Kinematic. *1st Conference on Computer Engineering (C2i)*, Polytechnic Military School, Boumerdes Algeria 16-17 December 2014.
17. Ahlem Bentrach, Abdelhamid Djeflal, Philippe Pudlo, Chaouki Babahenini, Taleb-Ahmed Abdelmalik, and Christophe Gillet . Full body adjustment using iterative inverse kinematics and correlation of body parts. *The 14th International Conference on Computational Science and Its Applications (ICCSA 2014)*, University of Minho, Guimaraes, Portugal, June 30 - July 3, 2014.
18. Djeflal Abdelhamid, Soltani Khaoula and Ouassaf Atika. Automatic Bank Fraud Detection Using Vector Support Machines. *The International Conference on Computing Technology and Information Management (ICCTIM2014)*, United Arab Emirates, 10-17 Apr-2014.
19. Zeghichi Amel, Djeflal Abdelhamid and Babahenini Mohamed Chaouki. Hybrid approach for face recognition based on SIFT and SVM. *The first International Symposium on Informatics and its Application (ISIA2014)*, University of M'sila, Algeria 25-26 February 2014.
20. Zaiz Fouzi, Djeflal Abdelhamid and Babahenini Mohamed Chaouki. Vertical and horizontal two-pass structural method for the segmentation of manuscript Arabic text. *The first International Symposium on Informatics and its Application (ISIA2014)*, University of M'sila, Algeria 25-26 February 2014.

21. Bentrach Ahlem, Babahenini Mohamed Chaouki, Djeflal Abdelhamid, Philippe Pudlo, Abdelmalik Taleb-Ahmed. Motion editing using inverse iterative inverse kinematic. *1st WorkShop Image, Graphics and Artificial Life- Biskra*, Algeria June 16-18, 2013.
22. A. Djeflal, M.C. Babahenini, A. Taleb-Ahmed. Fast Support Vector Learning from large databases by samples reduction. *5th. International Conference on Information Systems and Economic Intelligence SIIE2012*, Djerba Tunisia, 16-18 Feb 2012.
23. A. Djeflal, S. Hermes, A. Ouassaf. An accelerated SVM method for credit scoring. *5th. International Conference on Information Systems and Economic Intelligence SIIE2012*, Djerba Tunisia, 16-18 Feb 2012.
24. A. Djeflal, M.C. Babahenini, A. Taleb-Ahmed. Acceleration of svm learning by reducing examples. *In Maghreb Conference on Extraction and Knowledge Management EGCM'11*, Tangier Morocco, 23-25 Nov 2011
25. A. Djeflal, M.C. Babahenini, A. Taleb-Ahmed. A new approach to multi-class learning based on ocsvm for large databases. In A. Abd Manaf et al., Editor, *ICIEIS'11*, volume Part II, pages 677-690. Springer-Verlag Berlin Heidelberg, 2011.
26. Hamama Brahim, Djeflal Abdelhamid, Analysis of meteorological data by researching frequent motives : Application to the Biskra region, The Second International Conference on Complex Systems, CISC'11, Jijel, Algeria, 6-8 Dec 2011.
27. A. Djeflal, H. Rais, M.C. Babahenini, Taleb Ahmed Abdelmalik. Classification of date images by SVM : Contribution for the improvement of the sorting process. *COSI 2010*, Ouargla Algeria, April 2010.
28. Djeflal Abdelhamid, Rais Houssam Eddine and Babahenini Mohamed Chaouki. A system for automatic sorting of dates by SVM 1vsR. *International Conference on Industrial Engineering and Manufacturing ICIEM'10*, Batna, Algeria, May, 9-10, 2010.
29. Djeflal Abdelhamid, Regueb Salah, Babahenini Mohamed Chaouki. Automatic selection of dates by SVM. *10th African Colloquium on Research in Computer Science and Applied Mathematics (CARI 2010)*, Ivory Coast, Yamoussoukro, 18 - 21 October 2010.
30. Zaiz Fouzi, Djeflal Abdelhamid and Babahenini Mohamed Chaouki. SVM for the recognition of Arabic manuscript characters. *7th Biskra SNIB'2010 National Seminar in Computer Science*, Biskra Algeria, 02-04 November 2010.
31. F. Zaiz, A. Djeflal, M.C. Babahenini. Speech recognition using LPC and SVM statistical learning, Application on a calculator. *The International Arab Conference on Information Technology (ACIT'09)*, Sanna Yemen, Dec 2009.
32. F. Zaiz, A. Djeflal, M.C. Babahenini. SVM for speech recognition, Application on a calculator. *International Conference on Applied Informatics (ICAI'09)*, Bourdj Bouariridj, Nov 2009.
33. F. Zaiz, A. Djeflal, M.C. Babahenini, Taleb Ahmed Abdelmalik. Voice calculator based on SVM. *15th National Research Symposium in IUT (CNRIUT)*, Lille France, June 2009.
34. Djeflal, Abdelhamid and Baarir, Zine Eddine. Video coding by adaptive block matching. *8th African Colloquium on Computer Research, CARI*, Cotonou, Benin 2006.

NATIONAL PUBLICATIONS

1. A. Djeflal, H.E. Rais and M.C. Babahenini. Un tri automatique des dattes, *Le Monde des Dattes*, No 17 Mai 2015 page 15, ISSN 2352-9881.
2. A. Djeflal, H.E. Rais and M.C. Babahenini. Un système de tri automatique des dattes par SVM 1vsR. *Revue des Sciences et de la Technologie RST (University of Batna)* , volume 3, No 1, Janvier 2012.

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1. Mazari, A.C., Boudoukhani, N. & Djeflal, A. BERT-based ensemble learning for multi-aspect hate speech detection, *Cluster Computing*, volume 12-January 2023 (IF 2.252).

2. Ahmed Cherif Mazari, Abdelhamid Djeflal, Sentiment Analysis of Algerian Dialect Using Machine Learning and Deep Learning with Word2vec, *Informatica*, volume 46, No 6, 2022.
3. Ahmed Cherif Mazari, Abdelhamid Djeflal. Hybrid Query Expansion Model Based on Pseudo Relevance Feedback and Semantic Tree for Arabic IR. *International Journal of Information Retrieval Research (IJIRR)* volume 12-January 2022
4. Abdelhamid Djeflal, Mohamed Chaouki Babahenini, Abdelmalik Taleb-Ahmed. Fast Binary Vector Support Learning Method by Samples Reduction. *International Journal of Data Mining, Modeling and Management*, Vol. 9, No. 1, 2017.
5. Faouzi Zaiz, Mohamed Babahenini Chaouki, Abdelhamid Djeflal. Puzzle based system for improving Arabic handwriting recognition. *Engineering Applications of Artificial Intelligence*, Volume 56, November 2016, Pages 222-229.
6. Ahlem Bentrach, Abdelhamid Djeflal, Mohamed Chaouki Babahenini, Christophe Gillet, Philip Pudlo, Abdelmalik Taleb-Ahmed. Full Body Adjustment Using Inverse Iterative Kinematic and Body Parts Correlation. *Journal of Mobile Multimedia*, Volume 10, No 3 & 4, Nov 10, 2014.
7. A. Djeflal, H.E. Rais and M.C. Babahenini. An automatic date sorting system by SVM 1vsR. *RST Science and Technology Review (University of Batna)*, Volume 3, No. 1, January 2012.
8. A. Djeflal, M.C. Babahenini, A. Taleb-Ahmed. A fast multi-class svm learning method for large databases. *International Journal of Computer Science Issues IJCSI*, Volume 8, Issue 5, September 2011.
9. Djeflal Abdelhamid , Babahenini Mohamed Chaouki, Taleb Ahmed Abdelmalik. An SVM Based System for Automatic Dates Sorting. *International Review of Computers and Software (IRECOS)*, Vol. 5 N. 4, July 2010.
10. Djeflal, M.C. Babahenini, A. Taleb-Ahmed. A new approach to multi-class learning based on oc-svm for large databases. In *A. Abd Manaf et al., editor, ICIEIS'11*, volume Part II, pages 677690. Springer-Verlag Berlin Heidelberg, 2011.
11. Zaiz Faouzi, Djeflal Abdelhamid, Babahenini Mohamed. An approach based on structural segmentation for the recognition of Arabic handwriting. *Advances in Information Science and Sciences Services Journal (ISSA)*, Vol. 2, No. 4, pp. 14-24, 2010.

BOOK

Support vector machines in database analysis : Acceleration techniques for large database analysis 2012
 Berlin, Germany
 Francophone Academic Press

EDUCATIONAL DOCUMENTS

Sequential data mining 2020
 University of Biskra
 Course Support for Second Year SIOD Master

Communication networks 2020
 University of Biskra
 Course Support for Second Year of computer science licence

Advanced Data Mining Course 2015
 University of Biskra
 Course Support for Second Year IDM Master

Algorithms and Data Structures 1 2011
 University of Biskra
 Course support for second year computer system LMD

Local Industrial Networks 2011
 University of Biskra
 RLI Module Course Support for the 5nd Year Computer Science Industrial Computer Option

AWARD

Khalifa International Prize for Palms of Dates 2012
United Arab Emirates
Best Technique : Proposal of a date sorting machine based on SVM learning

OTHER

Member of scientific committee Dec 15-16 2020
University of M'sila
The Fourth International Symposium on Informatics and its Applications
ISIA 2020

President of plenary session 20-21 Nov 2019
University of Guelma
Conference on Innovative Trends in Computer Science
CITCS'2019

President of oral session 20-21 Nov 2019
University of Guelma
Conference on Innovative Trends in Computer Science
CITCS'2019

Member of program committee 20-21 Nov 2019
University of Guelma
Conference on Innovative Trends in Computer Science
CITCS'2019

Member of program committee 4-6 Mars 2019
University of Ouargla
International Conference on Artificial Intelligence and Information Technology
ICA2IT 2019

Member of scientific committee 2-3 Nov 2018
University of Biskra
Second International Conference on Electrical Engineering
ICEEB'18

Member of scientific committee November 6-7 2018
University of M'sila
The Third International Symposium on Informatics and its Applications
ISIA 2018

Member of organisation committee 28-30 Janvier 2018
University of Biskra
Journées d'Études Informatique Théorique et Appliquée
JEITA 2018

Member of scientific committee 3-4 Décembre 2017
University of Mostaganem Algérie
4th International Conference on Image and Signal Processing and their Applications
ISPA 2017

Member of the Organizing Committee November 2015
University of Biskra
Second International Workshop on Artificial Intelligence and Information Communication
Technologies IWAIICT'2015

Rendering & Animation Review Board Member October 2015
University of Biskra
Competition for access to doctoral training LMD option Sciences and Techniques of the image

Member of the organizing committee January 2015
University of Biskra

8 th Biskra SNIB'15 National Computer Science Seminar Member of Organizing Committee <i>University of Biskra</i>	June 2014
2 th Workshop Image, Graphics and Artificial Life IGVA'14 Member of the organizing committee <i>University of Biskra</i> International Workshop on Artificial Intelligence, Information and Communication Technologies IWAIICT'14	May 2014
Member of the Organizing Committee <i>University of Biskra</i> 1 ^{er} Image, Graphics and Artificial Life Workshop IGVA'13	June 2013
Member of the Organizing Committee <i>University of Biskra</i> 7 th National Biskra SNIB'2010 Computer Science Seminar	Nov 2010
Member of the Organizing Committee <i>University of Biskra</i> 5 th International Symposium Images Multimedia Application and Environment IMAGE'09	Nov 2009
Member of the Organizing Committee <i>University of Biskra</i> 6 th National Biskra Computer Science Seminar SNIB'08	May 2008
Member of the Organizing Committee <i>University of Biskra</i> 5 th National Biskra Computer Science Seminar SNIB'06	May 2006
Member of the Organizing Committee <i>University of Biskra</i> Seminar entitled : Financing Policies and their Influence on Economic Institutions	Nov 2006
Member of the Network Review Committee <i>University of Biskra</i> SIVA Option Computer Mastery Contest	Oct 2007
Member of the Network Review Committee <i>University of Biskra</i> IASD computer skills competitor competition	Oct 2007
Member of the Network Review Committee <i>University of Biskra</i> SIVA Option Computer Mastery Contest	Oct 2008
Member of the IT Review Committee <i>University of Biskra</i> SME-TIC Management Science Master of Science Competition	Oct 2005
Member of the Computer Review Committee <i>University of Biskra</i> SME-TIC Management Science Master of Science Competition	Oct 2006
Participation in a seminar <i>Ministry of National Education, Algiers</i> Title : Achievement and Monitoring of Wilaya Planning Indicators	March 2002

LANGUAGES

<i>Arabic</i>	Read, Write, Speak
<i>English</i>	Read, Write, Speak
<i>English</i>	Read, Write, Speak

INTERESTS

Artificial Intelligence, Databases, Image Processing, Websites, Computer networks, Machine Learning, Data Mining, Support Vector Machines.