



UNIVERSIDAD DE LOS ANDES
SECRETARIAT

CERTIFICATION OF GRADES

The Secretary of the Universidad de los Andes, which undersigns, CERTIFIES: that the photocopy attached hereto is a true and accurate copy of the original of the academic record of Agelvis Domínguez Matías José, identified with identity card No. V021185940, a graduate of the Faculty of Science of this University who was awarded the title of

Bachelor of Science in Physics

The copy was made in accordance with Article 40, number 4° of the Law on Universities in accordance with Article 111 of the Code of Civil Procedure, which applies by analogy. This document contains the academic obligations specified therein with the grades indicated. - The grading scale is from zero (0) to twenty (20) points, and the minimum passing grade is ten (10) points. In witness whereof, this certified photocopy is issued, contained in THREE (3) page(s), each one duly signed by the University officials authorized for such purposes.-

In Mérida, on the eighth day of February of two thousand nineteen. Year 208 of Independence and 159 of the Federation.

Prof. José Maria Andérez Álvarez
Secretary of the Universidad de Los Andes

Certification elaborated by
Jesus Useche

Responsible for the Control of
Certifications in the ULA
Graduate Office

Presented by



DFCD/006G-18

Merida, 05 December 2018

Professor
Yris Martínez
Director
Student Record Office (O.R.E.)
Science Faculty
Hereby.

I hereby send the MINUTES OF THE SPECIAL GRADUATION WORK, presented by the High School graduate: AGELVIS DOMINGUEZ MATIAS JOSE, holder of the C.I.: V-21.185.940, which is a partial requirement for obtaining the title of BACHELOR IN PHYSICS, and was received by this secretary on 05/11/2018.

Likewise, I certify that said high school graduate, prior to the Public Defense of its Special Graduation Requirement, has approved all the requirements demanded in this department and has submitted the requested material, in accordance with the current Special Graduation Regulations.

Notification that I am sending you, for your knowledge and consequent purposes.

With no other particular to refer to, I hereby subscribe

Kind regards,

Prof. Adriana Pérez
Teaching Coordinator
Physics Department

Annex as indicated

Physics Department



S C I E N C E
UNIVERSIDAD DE LOS ANDES
MÉRIDA VENEZUELA

SPECIAL GRADUATION WORK MINUTE

On the thirtieth day of October of the year two thousand and eighteen, at 9:00 a.m., Professors **MARIO COSENZA**, **KAY TUCCI** and **YOAN PARRA**, members of the Jury appointed by the Department of Physics and approved by the Council of the Faculty of Sciences, met to review the Special Graduation Work that carries the title:

“ESCAPE SUPPRESSION IN CHAOTIC REPELLER NETWORKS”

Presented by the high school graduate **AGELVIS DOMÍNGUEZ, MATÍAS JOSÉ**, holder of the Identity Card No. V-21.185.940, to opt for the degree of:

BACHELOR OF SCIENCE IN PHYSICS

At the Faculty of Science of the Universidad de los Andes. Afterwards, we proceeded to hear the presentation on the above mentioned subject, made by the high school graduate. After the corresponding questioning, the Jury proceeded to deliberate on the content of the presentation.

Finally the Jury declares it **APPROVED**, with the qualification of **TWENTY (20) POINTS**, Recommended for publication.

In witness whereof they have signed:

Prof. MARIO COSENZA
TUTOR

Prof. KAY TUCCI
JURY

Prof. YOAN PARRA
JURY

TEACHING COORDINATION
Physics Department



ACADEMIC TRANSCRIPT OF RECORDS

Faculty/Nucleus: Science	Career: Physics
School: Science	Degree: Bachelor of Science in Physics
Identity Card: V021185940	Date of Birth: 18-11-1994 Age (years): 24
Surnames and Names: Agelvis Domínguez, Matías José	
Place of Birth: Mérida - Mérida - Venezuela	
Enrollment Date: 13-09-2011	Admission Term: B2011
Date of Graduation: 08-02-2019	Graduation Term: B2018

Term: B2011 **Start:** 26-09-2011 **End:** 19-02-2012 **Condition:** Active - Newly admitted

No.	Date	Description	Observations
1	13-09-2011	Newly admitted	Movement Generated by Transfer

Course	Section	Grade	Message	C.U.
21101 - English 10	01	19 Nineteen	SS - Special Subject	4
21102 - Mathematics 10	02	17 Seventeen	SS - Special Subject	6
21103 - Sociology 10	01	15 Fifteen	SS - Special Subject	3
21104 - Study Techniques 10	01	18 Eighteen	SS - Special Subject	4
21202 - English 20	02	14 Fourteen	SS - Special Subject	4

Term: A2012 **Start:** 12-03-2012 **End:** 06-07-2012 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
21201 - Physics 11	01	-	WS - Withdraw by Student	5
21203 - Mathematics 20	03	18 Eighteen	SS - Special Subject	6
21204 - Chemistry 11	05	-	WS - Withdraw by Student	5
22101 - Science and society	01	16 Sixteen	SS - Special Subject	1

Term: B2012 **Start:** 24-09-2012 **End:** 08-02-2013 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
21201 - Physics 11	05	13 Thirteen	SS - Special Subject	5
21204 - Chemistry 11	06	12 Twelve	SS - Special Subject	6
21303 - Mathematics 30	01	-	WS - Withdraw by Student	6

Term: A2013 **Start:** 04-03-2013 **End:** 04-10-2013 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
21301 - Physics 21	01	-	AB - Absent	5
21302 - Physics Laboratory 1	01	11 Eleven	SS - Special Subject	2
21303 - Mathematics 30	01	11 Eleven	SS - Special Subject	6

Term: B2013 **Start:** 21-10-2013 **End:** 21-02-2014 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
21301 - Physics 21	01	-	AB - Absent	5
21403 - Mathematics of Physics 1	01	-	WS - Withdraw by Student	6

Term: I2013 **Start:** 28-07-2014 **End:** 05-09-2014 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
21301 - Physics 21	01	14 Fourteen	SS - Special Subject	5

Term: U2014 **Start:** 22-09-2014 **End:** 30-01-2015 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
21301 - General Physics 3	01	14 Fourteen	SS - Special Subject	5
21403 - Mathematics of Physics 1	01	08 Zero Eight	SS - Special Subject	6
21404 - Mechanics	01	-	WS - Withdraw by Student	5



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School: Science		Degree: Bachelor of Science in Physics	
Identity Card:	V021185940	Date of Birth:	18-11-1994 Age (years): 24
Surnames and Names: Agelvis Domínguez, Matías José			
Place of Birth:	Mérida - Mérida - Venezuela		
Enrollment Date:	13-09-2011	Admission Term:	B2011
Date of Graduation:	08-02-2019	Graduation Term:	B2018

Term: **A2015** **Start:** 09-03-2015 **End:** 10-07-2015 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
21402 - Physics Laboratory 2	01	-	WS - Withdraw by Student	2
21403 - Mathematics of Physics 1	01	16 Sixteen	SS - Special Subject	6
21404 - Mechanics	01	11 Eleven	SS - Special Subject	5
22103 - Modern Physics 1	01	-	AB - Absent	5

Term: **B2015** **Start:** 28-09-2015 **End:** 19-02-2016 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
22103 - Modern Physics 1	01	14 Fourteen	SS - Special Subject	5
22104 - Mathematics of Physics 2	01	16 Sixteen	SS - Special Subject	6
21404 - Classical Mechanics	01	16 Sixteen	SS - Special Subject	5

Term: **A2016** **Start:** 28-03-2016 **End:** 01-07-2016 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
22201 - Statistical Physics	01	-	WS - Withdraw by Student	5
22302 - Mathematics of Physics 3	01	10 Ten	SS - Special Subject	6
22303 - Quantum Mechanics	01	15 Fifteen	SS - Special Subject	5
22344 - Elective Chaos and Non-Linear Dynamics 1	01	20 Twenty	SS - Special Subject	5

Term: **B2016** **Start:** 03-10-2016 **End:** 07-03-2017 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
22201 - Physics Laboratory 2	01	13 Thirteen	SS - Special Subject	2
22302 - Programming and Algorithm Design 1	01	19 Nineteen	SS - Special Subject	5
22303 - Elective Complex Systems	01	20 Twenty	SS - Special Subject	5
22401 - Electromagnetism	01	19 Nineteen	SS - Special Subject	5

Term: **U2017** **Start:** 03-04-2017 **End:** 02-02-2018 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
22102 - Electronics	01	20 Twenty	SS - Special Subject	6
22201 - Statistical Physics	01	19 Nineteen	SS - Special Subject	5
22202 - Modern Physics 2	01	14 Fourteen	SS - Special Subject	5
22401 - Laboratory 3	01	17 Seventeen	SS - Special Subject	3

Term: **A2018** **Start:** 05-03-2018 **End:** 06-07-2018 **Condition:** Regular Student

Course	Section	Grade	Message	C.U.
22402 - Laboratory 4	01	16 Sixteen	SS - Special Subject	3
23102 - Seminar	01	20 Twenty	SS - Special Subject	6
23199 - Introduction to Community Service		-	CS - Approved	0



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Surnames and Names: Agelvis Domínguez, Matías José			
Place of Birth:	Mérida - Mérida - Venezuela		
Enrollment Date:	13-09-2011	Admission Term:	B2011
Date of Graduation:	08-02-2019	Graduation Term:	B2018

Term: B2018 **Start:** 22-10-2018 **End:** 22-02-2019 **Condition:** Graduated - Graduation

No.	Date	Description	Observations
1	08-02-2019	Graduation	

Course	Section	Grade	Message	C.U.
23200 - Community Service	01	-	CS - Approved	0
23201 - Bachelor Thesis	01	20 Twenty	SS - Special Subject	28

Totals	Taken	Approved	PI	Required	Averages	Approving	Global
Courses	39	34	0.87	34	Arithmetical	15.844	15.606
Credit Units	200	173	0.87	173	Weighted	16.503	16.218

Observation

Complied with the Higher Education Student Community Service Act according to Article 18.

Period: From 25-07-2018 to 11-10-2018.
 PROJECT: The Meetings with Physics, Chemistry, Mathematics and Biology and the workshops with basic sciences: An incentive for their teaching and learning.

COMMUNITY: Museum of Science and Technology - Sector El Central - District Juan Rodríguez Suárez - Borough Libertador - State Mérida.

TUTOR: Manuel Morocoima - Identity Card No. 9.283.383 - Induction 2008-0584.
 VOLUME: VI-2019.
 PAGE: 1.
 REGISTER: SC-0001.

Dr. Yris Martinez
Director of ORE

Dr. José A. Abad R.
School/Academic Director

Dr. NelsonC. Viloría Abreu
Dean

Review by:

Printed by: Jesus Useche

Legend: PI: Performance Index