CURRICULUM VITAE

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Education

MBA	(Innovation Management & Entrepreneurship) Rensselaer Polytechnic Institute (RPI), NY, USA (1997)
PhD	(Physics of Magnetic Materials), London University, Imperial College, London, UK (1984)
MSc	(Physics) University of Basra, College of Science, Physics Dept., Basra, IRAQ (1978)
BSc	(Physics) University of Basra, College of Science, Physics Dept., Basra, IRAQ (1976)

Academic Positions

2015 –	Adjunct Faculty, American University of Armenia (AUA), School of Manoogian Simone College of Business & Economics, Yerevan, RA.
2015 –	Adjunct Faculty Yerevan State University (YSU), School of Journalism and Public Relations, Yerevan, RA.
2014 – 2016	Adjunct Faculty, California State University of Los Angeles (CSULA), School of Physics, CA, USA.
2006 – 2008	Adjunct Faculty, Woodbury University, School of Architecture, LA, CA, USA.
1995 – 1997	Adjunct Faculty, Rensselaer Polytechnic Institute (RPI), Biology Depts., Troy, NY, USA.
1992 – 1993	Adjunct Faculty, Kensington University, School of Engineering, Glendale, CA, USA.
1986 – 1989	Post-Doctoral Research Fellow, Leeds University, Physics Department. Leeds, ENGLAND.
1984 – 1986	Post-Doctoral Research Scientist, Applied Physics Dept., Hull University, and Materials Research Center, Birmingham University, ENGLAND.
1980 – 1984	Assistant Lecturer and Research Graduate Student, London University, Imperial College, London, ENGLAND.
1978 – 1979	Assistant Lecturer, University of Basra, College of Science, Physics Dept., Basra, IRAQ.

Academic Masters Thesis Supervision

AUA, Master of Science in Strategic Management (MSSM) program

Aug'18 Startup ecosystem in Armenia, Social Entrepreneurship in Armenia

YSU, Masters in PR and Media Journalism

Dec'18 Innovation in Armenian Journalism

Academic Courses Developed and Delivered

Jan'17 –	***Innovation in Journalism***, graduate (Masters) course- School of Journalism, Yerevan State University (YSU), Yerevan (RA).
Sep'15 –	***Techniques of Creative Thinking***, graduate (Masters) course- School of Journalism, Yerevan State University (YSU), Yerevan (RA).

Sep'15 –	***Innovation & Entrepreneurship**,* undergraduate core course- School of Manoogian Simone College of Business & Economics, American University of Armenia (AUA), Yerevan (RA).
Jan'15–May'15	***Creativity and Technological Innovation***, undergraduate course- School of Engineering and Science, American University of Armenia (AUA), Yerevan (RA).
Sep'14–Sep'16	***Physics for Biologists***, undergraduate practical course, Physics Dept., California State University of Los Angeles (CSULA), CA (USA).
Jan'06–Aug'08	**CubeSat *Systems Engineering and Cost Estimation***, NASA professional training course, CA (USA).
Jan'03–May'04	***Creativity and Physics***, undergraduate course- School of Architecture, Woodbury University, CA (USA).
Jan'87–Dec'89	***Physics of Magnetism***, undergraduate course- Physics Dept., Leeds University, Leeds (UK).

Management and Lead Engineering Positions

2006–2014	Aerospace Corporation/ Air Force/ NASA, CA (USA)
1998–2005	California Institute of Technology, Jet Propulsion Laboratory (NASA), CA (USA)
1995–1997	Rensselaer Polytechnic Institute (RPI)/ Biology Dept., Materials Testing Lab., NY (USA)
1993–1995	Intermagnetics General Corporation, NY (USA)
1989–1992	Cryogenics Consultants Ltd, LONDON (UK)

Management and Leadership Skills

2014	PI, initiated and managed proposal concept "CubeSat/ ISS mission", Aerospace (USA).
2010	PI, developed and led "First Cost Estimation Methodology for Very Small Satellites" NASA (USA).
2000–2014	Manager, NASA Space Missions Proposal Development, Proposal Reviewer and Evaluator; Small Business Innovation Research (SBIR) and Small Technology Transfer Research (STTR) programs (NASA, DOD, NSF/NASA, and DOE) Agencies, (USA).
2003–2005	Proposal Manager, (MM$) NASA Space Technology Development proposals, (USA).
2000–2005	Lead Telecom subsystem Engineer, participated in 50+ NASA Space Missions Development programs, JPL, (USA).
1995-1997	Materials Laboratory Manager- Rensselaer Polytechnic Institute (RPI), Biology Depts., Troy, NY, USA.

Business Start-up and Venture Development

Sep'18 -	Founder & Owner– ***Center for Innovation Promotion and Research (CIPR).*** Academic research and promotion of innovation, Yerevan (AR)
Sep'17 -	Co-Founder – ***Commerc Consulting***, business and legal consulting for large and small businesses, Yerevan (RA).
Sep'98 –	Founder & Owner- ***Mary & Associates,*** Business Consulting firm, operating in Los Angeles (USA).
Mar'99 –	Co-Founder - ***Vedi's Friends***, non-profit charitable organization operating in Vedi (RA).

Mar'15 – Mentoring Start-ups in RA and USA**;** opportunity assessment, product development, cost estimation, market analysis, business valuation, business plan development.

Jan'16 - Co-Founder- ***CubeSat Development Team in the Armenia "Youth Aerospace Society (AYAS) ARMENIA"*** promoting development of Very Small Satellite, (RA).

Mar'10 – Board Member Armenia branch, past Secretary ***ARPA (Analysis Research & Planning for Armenia) Institute***, Los Angeles (USA).

2008-2014 System Lead for ***Simulation of Space Systems Magnetic Cleanliness*** program NASA (USA).

2000–2015 Past member of ***SCORE "Entrepreneurs Counselors to America's Small Business"***, non-profit organization helps small businesses and entrepreneurs, (USA).

1995–1997 Reviewed and evaluated business plans for ***New York State Technology Investment Fund (NY-STIF)*** – performed all due diligence and interaction with the venture capitals, (USA).

Extra Courses Successfully Completed with Certification

California Institute of Technology (CALTECH) Industrial Relations Center (USA)

"Technology Planning & Management", "Successful Project Management", "Project Cost Estimating and Economic Evaluation", "Project Team Building", "The Leader Workshop", "Business Valuation and Sales of Business Process", "Systems Engineering".

NASA/Jet Propulsion Laboratory/ CALTECH, and The Aerospace Institute (USA)

Systems Engineering Requirements", "Introduction to Systems Architecting", "Proposal Preparation", "Research Proposal Writing".

Rensselaer Polytechnic Institute (RPI), NY, (USA)

"Design, Development and Marketing", "Venture Valuation", "Product Development", "Principles of Entrepreneurship and Product Development"

Research Activities

Sept 2014– Creativity, Innovation and Entrepreneurship

Sept 2008– Space systems and CubeSats

Jan 2003– Cost and Schedule Estimation of Systems

Sept 1979– Magnetics/ Superconductivity/ Nanotechnology materials and devices

Awards and Honors

Armenia-

2018 ***Certificate of Appreciation*** for teaching "Creative Thinking in Public Relations", PR Association of Armenia (May'18).

2017 ***Certificate of Appreciation*** for teaching "Creative Thinking in Public Relations", PR Association of Armenia (Oct'17).

2017 ***Certificate of Appreciation*** for teaching "Creative Thinking in Public Relations", PR Association of Armenia (Apr'17).

2016 ***Certificate of Appreciation*** for teaching "Creative Thinking in Public Relations", PR Association of Armenia (Oct'16).

2016 ***Certificate of Appreciation*** for teaching "Creativity in Public Relations", PR Association of Armenia (Apr'16).

2016 ***Certificate of Appreciation*** for presenting a paper on "Creativity and Collaboration in a Group Learning Activity", 11th International Silk Road Conference.

2015 ***Certificate of Appreciation*** for teaching "Creativity in Public Relations", PR Association of Armenia (May'15).

USA-

2014 ***The Aerospace IR&D Award*** for Concept Development of the 1st Propulsive Picosatellite Operation and the International Space Station (ISS).

2012 ***The Aerospace/ NASA Group Achievement Award*** for JUNO Space Mission Independent Technical Analysis.

2011 & 2004 ***NASA Certificate of Appreciation*** for Valuable Contribution and Outstanding Support to the NASA Advanced Component Technologies (ACT) Program and the Earth Science Technology Office.

2009 – 2012 ***The Aerospace IR&D Award*** for development of the 1st Picosatellite Cost Estimation Model

2009 & 2008 ***Aerospace SPOT Award*** for Contribution to JUNO Space Mission Success.

2005 ***NASA Certificate*** for contribution to 50+ Space Mission Design Development.

2001 ***NASA Certificate of Recognition*** for New Technology Development on "Magnetic Thin-Film Application for Actuation of MEMS Fabricated Parabolic Mirror".

2000 ***NASA/ JPL NOVA Award*** for Technology Innovation on CloudSat Space Mission.

1999 ***NASA Certificate of Recognition*** for New Technology Development "Conductor Design to Generate Electricity from Space Magnetic Field".

1999 & 1998 ***JPL Directors R&D Award*** for Development of Innovative Concepts for Miniaturized Sensors and Actuators for Space Applications.

1998 ***Two NASA Tech Brief Certificates of Recognitions*** for Creative Technical Innovations at NASA/JPL, Caltech.

1995 – 1997 ***Herman Family Fellowship for Women Entrepreneurs***, Rensselaer Polytechnic Institute, Troy, NY.

England-

1981 – 1984 ***Essefian Foundation***, Graduate Research Studentship, London, ENGLAND.

1984 – 1986 ***UK Admiralty*** Defense Department Research Grant.

Iraq-

1978 ***University President Award*** for graduating with Honor and being the 1st Graduate Student with Masters' Degree in Physics from Basra University, Basra.

1977 – 1978 ***Graduate Research Studentship***, Basra University, College of Science, Basra.

Professional Affiliations

2012– Member, IEEE Society
2008– Member, International CubeSats Working Group
2008–2012 Member, International Cost Estimating and Analysis Association (ICEAA)
1999– Member, American Physics Society (APS)
1993– Member, Materials research Society (MRS)

Other Personal Data

Languages: Armenian, English, Arabic (fluent- read, write and speak)
Hobbies: Join "Think Tank" Innovative Thinkers' Groups, Angel Investment, Charitable Organizations
Residency: Permanent Resident of Republic of Armenia since Jan 2015

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Presentations and Publications

Seminars, Workshops, and Conference Presentations

1. Boghosian M. H., *"Invention, Innovation and Entrepreneurship"*, DigiTech 2018- ARPA Presentation, Oct 7, (2018), Yerevan (RA).
2. Boghosian M.H. and Keshishyan E., *"Analysis of Startup Entrepreneurial Creativity-Case studied in Armenia"* DegiTech Expo, Oct 6, (2018), Yerevan (RA).
3. Boghosian M.H., *"Business Innovation"*, *Seminar Workshop*, Youth Opportunities NGO, Armenian State University of Economics, March 1, (2018), Yerevan (RA).
4. Boghosian M.H., *"Innovation at Workplace"*, Seminar Training, Live Your Life Organization, Feb 8, (2018), Yerevan (RA).
5. Boghosian M.H., *"From Creative Thinking to Entrepreneurship", Seminar Workshop*, Agripreneurs Creating Tomorrow Program, Jan 12, 13, 19 and 20, 2018, Yerevan (RA).
6. Boghosian M.H., "Creativity and Technology Innovation", YSMU Science Week 2017 Conference, Young researchers' union, Yerevan State Medical University, Nov 28, 2017, Yerevan (RA).
7. Boghosian M.H., *"Innovation at Workplace"*, American University of Armenia, Nov 16, 2017, Yerevan (RA).
8. Boghosian M.H., *"From Innovation to Product. Innovation Process. The Role of Creativity"*, Armenia Ministry of Economics, Innovation Management 2017 Conference, 3rd International Youth Scientific School, Oct 23-26, (2017), Tsaghkadzor (RA).
9. Boghosian M.H., *"Main Features of the Formation of a Research Project into an Innovative Startup"*, Armenia Ministry of Economics, Innovation Management 2017 Conference, 3rd International Youth Scientific School, Oct 23-26, (2017), Tsaghkadzor (RA).
10. Boghosian M.H., *"Creativity in Public Relations"*, Armenian PR Association, Oct 5, (2017), Yerevan (RA).
11. Boghosian M.H., *"Invention, Innovation and Entrepreneurship"*, DigiTech 2017- ARPA Presentation, Sept 30, (2017), Yerevan (RA).
12. Boghosian M.H., *"Creativity in Journalism"*, *Seminar Series*, Ministry of Diaspora Summer School for Young Journalists, Jul 7 & 12, (2017), Yerevan (RA).
13. Boghosian M.H., *"Innovation and Entrepreneurship in Armenia"*, ECLOF Organization, May 17 & Jul 14, (2017), Yerevan (RA).
14. Boghosian M.H., *"Creativity and Innovation", Seminar Series*, Russian University of Armenia (RUA), May 10 – June 9, (2017), Yerevan (RA).
15. Boghosian M.H., *"Creativity, Innovation and Public Relations", Seminar Series*, Ministry of Diaspora, May 11-17, (2017), Yerevan (RA).
16. BoghosianM.H., *"Creativity in Journalism", Seminar Series Training for Trainers*, Dept. of Journalism (YSU), Apr 25 & May 2, (2017), Yerevan (RA).
17. Boghosian M.H., *"Creativity and Public Relations"*, Armenian PR Association, Apr 6, (2017), Yerevan (RA).
18. Boghosian M.H *"From Idea to Business"* YSU Centre for Entrepreneurship, March 16, 2017, Yerevan (RA).
19. Boghosian M.H *"Innovation and Social Entrepreneurship"* World Vision Armenia, Jan 13, 2017, Yerevan (RA).

20. Boghosian M.H. and Sargsyan K., *"Creativity, Innovation and Social Entrepreneurship for Rural Armenia"*, World Vision Armenia, Nov 18-20, (2016), Dilijan (RA).
21. Boghosian M.H. *"Technology Innovation and Entrepreneurship"*, YSU Physics Dept., Nov 17, (2016), Yerevan (RA).
22. Boghosian M.H., *"Creativity and Public Relations"*, Armenian PR Association, Oct 11, (2016), Yerevan (RA).
23. Boghosian M.H., *"Invention, Innovation and Entrepreneurship"*, DigiTech 2016- ARPA Presentation, Oct 2, (2016), Yerevan (RA).
24. Boghosian M.H., *"Creativity, Innovation & Entrepreneurship",* Armenia Ministry of Economics, Innovation Management 2016 Conference, 2nd International Youth Scientific School, Sept 29-31, (2016), Tsaghkadzor (RA).
25. Boghosian M.H., *"Creativity and Social Entrepreneurship for Rural Armenia"*, Armenia KASA Foundation Humanitaire Suisse, July 7-9, (2016), Yerevan (RA).
26. Boghosian M.H., Zurita G., Baloian N., and Pino J.A., *"Creativity and Collaboration in a Learning Activity"*, 11th International Silk Road Conference on Innovation in Business, Education and Sciences, May 20-21, (2016), Tbilisi (Georgia).
27. Boghosian M.H., *"Managing Technology and Innovation"*, Armenian National Academy Science and Technology Convergence Conference (STCC), April 29, (2016), Yerevan, (RA).
28. Boghosian M.H., *"Entrepreneurship Role in Public Relations"*, Armenian PR Association, April 7, (2016), Yerevan (RA).
29. Boghosian M.H., *"Creativity, Technology, Innovation, Business"*, Young Researchers' "Mergelyan" Club, April 6, (2016), Yerevan (RA).
30. Boghosian M.H., *"Creativity, Innovation, and Entrepreneurship",* Armenia Ministry of Economics, School of Young Innovators' Seminar, Mar 17, (2016), Yerevan (RA).
31. Boghosian M.H., *"Innovation Processes and Cost Estimation of Small Space Systems",* American University of Armenia (AUA) Oct 1, (2015), Yerevan (RA).
32. Boghosian M.H., *"Creativity and Invention, Innovation & Entrepreneurship",* Armenia Ministry of Economics, Innovation Management 2015 Conference, 1st International Youth Scientific Workshop, Sept (27-30) (2015), Tsaghkadzor (RA).
33. Boghosian M.H., *"Practical Management of Innovation; From Idea to Innovative Product",* Armenian Ministry of Economics, Innovation Management 2015 Conference, 1st International Youth Scientific School, Sept (27-30), (2015), Tsaghkadzor (RA).
34. Boghosian M.H., *"Creativity, Creative Thinking, and Innovation in Public Relations",* Armenian PR Association, May 13, (2015), Yerevan (RA).
35. Boghosian M.H., *"Ethics Principles and Practices in Business",* Erasmus TEMPUS People Project, American University of Armenia (AUA), May 19 (2015), Yerevan (RA).
36. Boghosian M.H., *"Proposal Writing Processes",* Science and Engineering Institute of Armenia, May 18, (2015), Yerevan (RA).
37. Boghosian M.H., *"Innovation Management"*, Young Researchers and Graduates at Science and Engineering Institute of Armenia, Oct 25, (2013), Yerevan (RA).
38. Boghosian M.H., *"Innovation Management within Technical Laboratories"*, Microbiology Institute of Armenia, Oct 22, (2013), Yerevan (RA).
39. Boghosian M.H., *"Innovation Management- The Role of Universities"*, Science and Engineering Institute of Armenia, Oct 16-18, (2013), Yerevan (RA).

Refereed Papers

1. Boghosian M.H. and Keshishyan E., *"Analysis of Startup Entrepreneurial Creativity-Case studied in Armenia"* in the pipeline (2018)
2. Boghosian M.H., Muradyan M., *"Social Entrepreneurship- Case studied for Armenia"* in the pipeline (2018)

3. Zurita G., Baloian N., Pino J.A., and Boghosian M.H., *"Introducing a Collaborative Tool Supporting a Learning Activity Involving Creativity with Rotation of Group Members"*, Invited Paper, Journal of University Computer Sciences (JUCS), Vol 22, Issue 10, (2016)
4. Boghosian M.H. Sanchez C., B. Oscar, Kocharian A., and Gredig T., *"Terbium Aluminum ($TbAL_2$) Binary Alloy as High Magnetostrictive Material",* American Physics Society'15, (2-6) March (2015), San Antonio, TX USA.
5. Boghosian M.H. and Robinson E.Y., *"Optional Picosat Constellation Architectures"* ISSC 2014-Interplanetary Small Satellite Conference, (28-29) April (2014), Pasadena, CA, USA
6. Robinson E.Y., Boghosian M.H., and McLeroy J.C., *"Picosat Constellation Architectures and ISS",* 3rd Ann. ISS R&D Conference, (17-19) June (2014), Chicago, IL, USA
7. Boghosian M.H. and Narvaez P., *"Magnetic Testing, and Modeling, Simulation and Analysis for Space Applications",* 28th Aerospace Testing Seminar, (25-27) March (2014), Los Angeles, CA, USA
8. Boghosian M.H. and Narvaez P., *"Magnetic Testing, and Modeling, Simulation and Analysis for Space Applications"*, 2013 IEEE International Symposium on Electromagnetic Compatibility, (5-9) Aug (2013), Denver CO, USA
9. Boghosian M.H. and Narvaez P., *"Minimizing Magnetic Field Susceptibility",* 2013 IEEE International Symposium on EMC- Experiments and Demonstrations, (5-9) Aug (2013), Denver CO, USA
10. Boghosian M.H., Narvaez P. and Herman R., *"Magnetic Testing, and Modeling, Simulation and Analysis for Space Applications",* 27th Aerospace Testing Seminar, (16-18) Oct (2012), Los Angeles, CA, USA
11. Boghosian M.H., *"Cost Estimating Methodology for Very Small Satellites",* 1st Interplanetary CubeSat Workshop, (29-30) May (2012), Cambridge, Mass., USA
12. Boghosian M.H., and Valerdi, R., *"Cost Estimating Methodology for Very Small Satellites",* 26th International Forum on COCOMO and Systems/Software Modeling, University of Southern California (USC), (2-4) Nov (2011), Los Angeles CA, USA
13. Boghosian M.H., and Valerdi, R., *"Cost Estimating Methodology for Very Small Satellites",* JPL 1st Cubesat/ SmallSat Technology Interchange, (7-8) Sept (2011), Jet Propulsion Laboratory, Pasadena CA, USA
14. Boghosian M.H., and Valerdi, R., *"Cost Estimating Methodology for Very Small Satellites",* 9th CubeSat Development Summer Workshop, Utah State University, (6-7) Aug (2011), Logan, Utah, USA
15. Boghosian M.H., *"Technology Roadmapping at NASA/JPL"*, Technology Roadmapping Summit, 10 Jan (2006), Washington DC, USA
16. Dickens F. and Boghosian M.H., *"LISA Pointing Sensor Development Stand",* SPIE: Astronomical Telescopes and Instrumentation, (22-23) Aug (2002), Hawaii, USA
17. Dickens F. and Boghosian M.H., *"LISA Pointing Sensor Development Stand: First Data",* LISA Workshop II, (28-31) May (2002), Pasadena, USA
18. Boghosian M.H., "*Complex Medium and Space Applications (Unscheduled)",* Complex Medium II: Beyond Linear Isotropic Dielectric, SPIE 46th Annual Meeting, 7/30-8/1 (2001), San Diego, USA
19. Boghosian M.H., "*Magnetoelectric Materials for Sensing and Energy harvesting",* Meta-Materials Workshop, SN00-26. The Defense Sciences Office, Defense Advanced Research Project Agency (DARPA) Workshop on Development & Demonstration of "Meta-Materials", 29 Sept (2000), Washington DC, USA
20. Boghosian M.H., Ghaffarian R., Ramesham R., Mih D., Redding C., Smith F., Willis B., Forsgren R., and Wilson W., "*NEPP COTS MEMS Program",* IDEAS Microsystems Partnering Forum, 17-18, Nov (1999), Pasadena, CA, USA
21. Boghosian H. A., Ciancetta G.M., Bascunan J., Rutman G., Devernoe A.L., Painter T., Miller J., Summers L., and Bonito-Oliva A., "*Dummy Coil Development for the Cable-in-Conduit Nb3Sn "Outsert" Coils of the 45T Hybrid Magnet",* IEEE Trans. on Mag. 30, 4, 2466 (1994),
22. Painter T., Miller J., Summers L., Bonito-Oliva A., Devernoe L.A., Ciancetta G.M., King M.J., Bascunan J., Rutman G., Schaedler R.M., Boghosian H., Shapiro A., "*Progress in the Manufacture of the Cable-in-Conduit Nb3Sn Outsert Coils for the 45Tesla Hybrid Magnet",* IEEE Trans. on Mag. 30, 4, 2204 (1994),

23. Boghosian H.A. & Howson M.A., *"The Temperature Dependence of the Electrical Conductivity of Amorphous V-Si"*Phys. Rev (B) 41, 7397 (1990*),*
24. Boghosian H., Stevens R. & Howson M.A., "*Structural Analyses on V-Si Thin Films Prepared by Sputtering",* Conf. on Rap. Sol. & Metastable Phases, Selwyn College, Cambridge, (UK), 14-15 April (1988), UK
25. Lowe A.J., Greig D., Howson M.A., Walker M.J., Boghosian H.A., Stevens R., Chen Y.L., Law D.S., Norman D., Quinn F.M. & Matthew J.D., "*A Photo-emission Comparison of Superconducting and Semiconducting YBa2Cu3Ox",* Jour. Phys. C.: Solid State Phys. 21, P.L. 763 (1988),
26. Lowe A.J., Boghosian H.A., Croxon A.A., Greig D., Howson M.A., Walker M.S. & Norman D., *"Photo-emission Studies of the New Ceramic Superconductors",* Ann. Rep. Daresbury Lab. (1988), UK
27. Boghosian H., Greenough R.D., Butler D. & Abell S., Int. Symp. Phys. of Mag. Mat. Sendai (JAPAN), 8-11 April (1987), "*The Magnetization and Magnetostriction Behavior of New rare-Earth Transition Metal Alloys"*
28. Boghosian H., Ann. Meet. Rare Earth and Actinide, Univ. of Birmingham, Mat. Res. Center, (UK), 25-27 March (1987), "*The Magnetization and Magnetostriction Behavior of New Rare-Earth - Transition Metal Alloys"*
29. Boghosian H., Inst. Phys. Soc., Sol. Stat. Phys. Conf., Univ. of Reading, (UK), 18-20 Dec (1985), "*Magnetic Phase Diagram in Pr-Nd Alloys"*
30. Boghosian H.A. & Coles B.R., Int. Conf. Mag. Mag. Mat. Los Angeles, (USA), 27-29 Aug (1985), "*Magnetic Phase Diagram in Pr-Nd Alloys System"*
31. Boghosian H.A., Inst. Phys. Soc., Sol. Stat. Phys. Conf., Univ. of Southampton, (UK), 18-20 Aug (1984), "*Magnetic Phase Transitions in Pr-Nd Alloys"*
32. Boghosian H.A., Coles B.R. & Fort D., Ann. Meeting of Rare-Earth and Actinide, Univ. of Birmingham, Material Research Center, (UK), 27-29 March (1984), "*Magnetic Phase Diagram in Pr-Nd Alloys System"*
33. Boghosian H.A. & Coles B.R., Inst. Phys. Soc., Sol. Stat. Conf., Univ. of London, Bedford College, (UK), 18-20 Dec (1982), **"***Magnetic Phase Transitions in Pr-Nd Alloys System***"**
34. Boghosian H.A. & Coles B.R., Phil. Mag. (B) 52, 3, 579 (1985), "*A Preliminary Study of Magnetic Phase Transitions in Praseodymium-Neodymium Alloys"*
35. Boghosian H.A., Coles B.R. & Fort D., Jour. of Phys. F: Met. Phys. 15, 953 (1985), "*The Temperature Dependence of Magnetic Field-Induced Transitions in the Magnetization of Neodymium Single Crystal"*
36. Boghosian H.A. & Coles B.R., Jour. of Mag. Mag. Mat. 29, 213 (1982), "*A.C. Susceptibility and Electrical Resistivity of Neodymium Single Crystals"*
37. Boghosian H.A., Sarkissian B.V.B. & Coles B.R., Inst. Phys. Conf. Ser. No. 55, Chapter 4, 303 (1980), "*Studies of the Concentration and Field Dependence of the Critical Behavior in Cu-Ni Alloys"*
38. Boghosian H.A. & Dubey K.S., Jour. Therm. Anal. 15, 207 (1979), "*Nonlinear Analysis of Heat Transfer in an Insulator: Application to NaBr"*
39. Boghosian H.A. & Dubey K.S., Phys. Stat. Sol. (B) 96, K107 (1979), "*Phonon Conductivity Correction Term and Electron-Phonon Scattering Relaxation Rate: Application to Doped and Undoped Germanium"*
40. Boghosian H.A., Samuel S., Misho R.H. & Dubey K.S., Ind. Jour. of Pure and Appl. Phys. 17, 1, 41 (1979*), "Effect of Point-Defects on Lattice Thermal Conductivity at Low Temperatures"*
41. Boghosian H.A., MSc Thesis, University of Basra Press (Iraq) (1978*), "The Lattice Thermal Conductivity of Doped Semiconductors and Insulators"*
42. Boghosian H.A. & Dubey K.S., Sol. Stat. Commn. 27, 1065 (1978*), Peripheral Phonons and Phonon Conductivity of the Doped Semiconductors*
43. Boghosian H.A. & Dubey K.S., Phys. Stat. Sol. (B) 85, K99 (1978), *"Heat Transfer in a Lattice at Low Temperatures: Application to a Doped sample of Al2O3"*
44. Boghosian H.A. & Dubey K.S., Phys. Stat. Sol. (B) 89, K65 (1978*), "Heat Transfer in Doped Al2O3 at Low Temperatures"*

45. Boghosian H.A. & Dubey K.S., Phys. Stat. Sol. (B) 88, 417 (1978), "*Role of Electron-Phonon Interaction and Peripheral Phonons in the Lattice Thermal Conductivity of Doped Semiconductors at Low Temperatures: Application to Phosphorous-Doped Germanium"*

New Technology Reports and Patent Applications

1. Magnetic Thin-Film Application for Actuation of MEMS Fabricated Parabolic Mirror, NASA Tech Brief, 25, 10, 31, (2001)
2. Magneto-electric Sensors and Electric Current Generators, NASA Tech Briefs, 24, 5, 42 (2000)