

# International Journal of Emerging Science and Engineering

ISSN : 2319-6378

Website: [www.ijese.org](http://www.ijese.org)

**Volume-5 Issue-5, MAY 2018**

**Published by:**

**Blue Eyes Intelligence Engineering and Sciences Publication Pvt.**



## **Editor-In-Chief Chair**

### **Dr. Shiv Kumar**

Ph.D. (CSE), M.Tech. (IT, Honors), B.Tech. (IT), Senior Member of IEEE

Professor, Department of Computer Science & Engineering, Lakshmi Narain College of Technology Excellence (LNCTE), Bhopal (M.P.), India

## **Associated Editor-In-Chief Chair**

### **Dr. Dinesh Varshney**

Professor, School of Physics, Devi Ahilya University, Indore (M.P.), India

## **Associated Editor-In-Chief Members**

### **Dr. Hai Shanker Hota**

Ph.D. (CSE), MCA, MSc (Mathematics)

Professor & Head, Department of CS, Bilaspur University, Bilaspur (C.G.), India

### **Dr. Gamal Abd El-Nasser Ahmed Mohamed Said**

Ph.D(CSE), MS(CSE), BSc(EE)

Department of Computer and Information Technology , Port Training Institute, Arab Academy for Science ,Technology and Maritime Transport, Egypt

### **Dr. Mayank Singh**

PDF (Purs), Ph.D(CSE), ME(Software Engineering), BE(CSE), SMACM, MIEEE, LMCSI, SMIACSIT

Department of Electrical, Electronic and Computer Engineering, School of Engineering, Howard College, University of KwaZulu-Natal, Durban, South Africa.

## **Scientific Editors**

### **Prof. (Dr.) Hamid Saremi**

Vice Chancellor of Islamic Azad University of Iran, Quchan Branch, Quchan-Iran

### **Dr. Moinuddin Sarker**

Vice President of Research & Development, Head of Science Team, Natural State Research, Inc., 37 Brown House Road (2nd Floor) Stamford, USA.

### **Dr. Shanmugha Priya. Pon**

Principal, Department of Commerce and Management, St. Joseph College of Management and Finance, Makambako, Tanzania, East Africa, Tanzania

### **Dr. Veronica Mc Gowan**

Associate Professor, Department of Computer and Business Information Systems, Delaware Valley College, Doylestown, PA, Allman, China.

### **Dr. Fadiya Samson Oluwaseun**

Assistant Professor, Girne American University, as a Lecturer & International Admission Officer (African Region) Girne, Northern Cyprus, Turkey.

### **Dr. Robert Brian Smith**

International Development Assistance Consultant, Department of AEC Consultants Pty Ltd, AEC Consultants Pty Ltd, Macquarie Centre, North Ryde, New South Wales, Australia

### **Dr. Durgesh Mishra**

Professor & Dean (R&D), Acropolis Institute of Technology, Indore (M.P.), India

## **Executive Editor Chair**

### **Dr. Deepak Garg**

Professor & Head, Department Of Computer Science And Engineering, Bennett University, Times Group, Greater Noida (UP), India

## **Executive Editor Members**

### **Dr. Vahid Nourani**

Professor, Faculty of Civil Engineering, University of Tabriz, Iran.

### **Dr. Saber Mohamed Abd-Allah**

Associate Professor, Department of Biochemistry, Shanghai Institute of Biochemistry and Cell Biology, Shanghai, China.

### **Dr. Xiaoguang Yue**

Associate Professor, Department of Computer and Information, Southwest Forestry University, Kunming (Yunnan), China.

**Dr. Labib Francis Gergis Rofaiel**

Associate Professor, Department of Digital Communications and Electronics, Misr Academy for Engineering and Technology, Mansoura, Egypt.

**Dr. Hugo A.F.A. Santos**

ICES, Institute for Computational Engineering and Sciences, The University of Texas, Austin, USA.

**Dr. Sunandan Bhunia**

Associate Professor & Head, Department of Electronics & Communication Engineering, Haldia Institute of Technology, Haldia (Bengal), India.

**Dr. Awatif Mohammed Ali Elsiddieg**

Assistant Professor, Department of Mathematics, Faculty of Science and Humatarian Studies, Elnielain University, Khartoum Sudan, Saudi Arabia.

**Technical Program Committee Chair****Dr. Mohd. Nazri Ismail**

Associate Professor, Department of System and Networking, University of Kuala (UniKL), Kuala Lumpur, Malaysia.

**Technical Program Committee Members****Dr. Haw Su Cheng**

Faculty of Information Technology, Multimedia University (MMU), Jalan Multimedia (Cyberjaya), Malaysia.

**Dr. Hasan. A. M Al Dabbas**

Chairperson, Vice Dean Faculty of Engineering, Department of Mechanical Engineering, Philadelphia University, Amman, Jordan.

**Dr. Gabil Adilov**

Professor, Department of Mathematics, Akdeniz University, Konyaalti/Antalya, Turkey.

**Dr. Ch.V. Raghavendran**

Professor, Department of Computer Science & Engineering, Ideal College of Arts and Sciences Kakinada (Andhra Pradesh), India.

**Dr. Thanhtrung Dang**

Associate Professor & Vice-Dean, Department of Vehicle and Energy Engineeering, HCMC University of Technology and Education, Hochiminh, Vietnam.

**Dr. Wilson Udo Udofia**

Associate Professor, Department of Technical Education, State College of Education, Afaha Nsit, Akwa Ibom, Nigeria.

**Convener Chair****Mr. Jitendra Kumar Sen**

Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd., Bhopal(M.P.), India

**Editorial Chair****Dr. Sameh Ghanem Salem Zaghloul**

Department of Radar, Military Technical College, Cairo Governorate, Egypt.

**Editorial Members****Dr. Uma Shanker**

Professor, Department of Mathematics, Muzafferpur Institute of Technology, Muzafferpur(Bihar), India

**Dr. Rama Shanker**

Professor & Head, Department of Statistics, Eritrea Institute of Technology, Asmara, Eritrea

**Dr. Vinita Kumar**

Department of Physics, Dr. D. Ram D A V Public School, Danapur, Patna(Bihar), India

**Dr. Brijesh Singh**

Senior Yoga Expert and Head, Department of Yoga, Samutakarsha Academy of Yoga, Music & Holistic Living, Prahladnagar, Ahmedabad (Gujarat), India.

**Dr. J. Gladson Maria Britto**

Professor, Department of Computer Science & Engineering, Malla Reddy College of Engineering, Secunderabad (Telangana), India.

**Dr. Sunil Tekale**

Professor, Dean Academics, Department of Computer Science & Engineering, Malla Reddy College of Engineering, Secunderabad (Telangana), India.

	<b>Authors:</b>	<b>Carmen Georgeta Dumitrache</b>
	<b>Paper Title:</b>	<b>The Cadastral Topographic Documentation About Planning and Limit of the Land</b>
1.	<p><b>Abstract:</b> It identifies the topo-geodetic reference system in which they work, which found both by identifying field, and the Office of Cadastral and Land - ALBA. Also in the field are identified points of triangulation, which assembled form a network can cover the interest. Solving the triangulation network is in a first stage by compensation network angles. This compensation can be done expeditiously "Broniemann" networking simple and less important or "rigor" - or block - respecting "theory of least squares". Following the recommended path, namely "rigorous method" will determine the number and condition equations will be written in proper condition equations (figure, tour the horizon, sides, etc.). The condition equations will be solved by the theory of conditional measurements. Thus this system will be reduced to a normal system of equations. Solving the method is to make successive cuts - Gauss scheme. The calculation will operate in a special protocol for this operation. The resulting data will be reported on the topographic plan of the land, obtaining a boundary of the area studied. The closing surface contour is done by lifting specific details cadaster. From the above mentioned protocol will be calculated surface area, using the calculation analytics. The project ends with some graphics, resulted in a topographic-cadastral documentation appropriate.</p> <p><b>Keywords:</b> Land, Cadaster, Topography, Surface Area.</p> <p><b>References:</b></p> <ol style="list-style-type: none"> <li>1. Land Law no. 18/1991, republished, with subsequent amendments;</li> <li>2. Law 247/2005 regarding the reform in property and justice, as well as additional measures, as amended and supplemented;</li> <li>3. Cornelia Munteanu Ovidiu Ungureanu- Civil Law. Real rights rd edition revised and enlarged, Ed. Rosetti, Bucharest, 2005;</li> <li>4. M.Nicolae, Real estate advertising and new land books Publishing Press Bucharest, 2000;</li> <li>5. C. Hamangiu, I. Rosetti-Balanescu, Al. Baicoianu, Tratat de drept civil român, vol. II and III, Ed. All, Bucharest, 1996, 1998;</li> <li>6. Corneliu Barsan - Civil law. Main real rights, Publisher Hamangiu 2007.</li> </ol>	