

International Mathematical Virtual Institute

Bulletin
of
International Mathematical
Virtual Institute

Former Edition:
Bulletin of Society of Mathematicians Banja Luka

Vol. 1(2011)

ISSN 1840-4367

Edition: **Bulletin of IMVI**
Former Edition: **Bulletin of Society of Mathematicians Banja
Luka**

Publisher: **International Mathematical Virtual
Institute**

www.imvibl.org

ISSN 1840-4367
Former ISSN 0354-5792 (p), 1986-521X (o)

Number: **1 (2011)**

UDK 51 (Mathematics)

General manager
of IMVI **Daniel Abraham Romano**

Printing house: **GRAFID, d.o.o., Banja Luka, B&H**

General Manager
of Printing House **Branislav Ivanković**

Financial Support: **Ministry of Science and Technology of the Republic of Srpska,
Banja Luka, Bosnia and Herzegovina**

Number of circulation: 320

e-mail: imvibl@hotmail.com
www.imvibl.org

Bulletin of Society of Mathematicians Banja Luka is indexed and
abstracted by

Mathematical Reviews (USA),
Zentralblatt für Mathematik (Germany),
Index Copernicus International (Poland),
Реферативный журнал – Математика (Russia)
Current Mathematical Publications (USA),
Ulrichsweb (USA)
EBSCO (USA)

5.36 (2010) IC-index of the **Bulletin of Society of Mathematicians Banja Luka**
20/30 (2010) the Republic of Srpska Ministry of Science and Technology Classifiable list

Bulletin of International Mathematical Virtual Institute

Vol. 1 (2011)

C o n t e n t s :

Ersin Aslan and Alpay Kirlangic: <i>Computing The Scattering Number and The Toughness for Gear Graphs</i>	1-11
Ivan Gutman: <i>Multiplicative Zagreb Indices of Trees</i>	13-19
Daniel A. Romano <i>Dedekind Partial Groupoids for Anti-ordered Sets</i>	21-26
R. A. Rashwan and S. I. Maustafa <i>Common Fixed Point Theorems For Four Weakly Compatible Mappings In Menger Spaces</i>	27-38
Y.B.Venkatakrishnan amd V.Swaminathan <i>Complement free domination number of a bipartite graph</i>	39-43
R. A. Rashwan <i>A common fixed point Theorem of two Random operators using Random Ishikawa iteration scheme</i>	45-51
Zygfryd Kominek <i>On the Hyers-Ulam stability of Pexider-- type extension of the Jensen-Hosszu equation</i>	53-57
N. Rajesh and V.Vijayabharathy <i>On (γ, γ')-connected spaces</i>	59-65