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Model to evaluate and predict survival of agricultural businesses

Marek Vochozka, Jarmila Strakova, Jan Vachal

Faculty of Economics, University of Prague, Czech Republic

Keywords: agricultural business, financial health of a business, bankruptcy prediction models, binary logistic regression, discriminant analysis, confusion matrix

2.

MEASURING OF EFFICIENCY OF ACTIVITIES OF ADMINISTRATIVE BODIES ON AN EXAMPLE OF HYGIENIC STATIONS

Marek Vochozka, Jan Vachal, Petra Partlova

Department of Agricultural Sciences, Czech University of Life Sciences, Czech Republic

Keywords: hygienic stations, fixed technical efficiency, DEA, production function, envelope curve

3.

MODELLING TREE-RING GROWTH RESPONSES TO CLIMATIC VARIABLES FOR Pinus cooperi

Marï¿½n Pompa-Garcï¿½a, Felipa Rodrï¿½guez-Flores

Department of Forestry, Universidad Autónoma de Nuevo León, Mexico

Keywords: Dendrochronological indexes, Tree growth–climate relationships

4.

STUDY OF GROUND MOVEMENTS PRODUCED BY EL HIERRO SUBMARINE ERUPTION OF OCTOBER 2011 THROUGH GNSS TECHNIQUES TO FIND PRECURSORS TO ERUPTION

Natalia Garrido-Villen, Jose Luis Berne Valero, Alberto Anton-Merino and Ana Belen Anquela Julian

Department of Geology, University of Alicante, Spain

Keywords: Volcano, plate displacements, GNSS techniques, permanent stations network geodynamics.

5.

PREPARATION AND CHARACTERIZATION OF SOL-GEL TiO2?ZrO2 FILMS ON STAINLESS STEEL

Lidija Curkovic, Amalija Vugrincic, Zdravko Siketic, Ivana Bacic, Marijana Majic Renjo

Department of Materials Science, University of Zagreb, Croatia

Keywords: sol-gel, TiO2−ZrO2 films, XRD, GD-OES, TOF-ERDA

6.

The Bounds for Eigenvalues of Normalized Laplacian Matrices and Signless Laplacian Matrices

S?ERï¿½?FE Bï¿½Yï¿½KKï¿½SE AND ?SEHR?ï¿½ Gï¿½LÇ□?ï¿½EK ESK?ï¿½

Department of Mathematics, Istanbul Technical University, Turkey

Keywords: Normalized Laplacian matrix,\nSignless Laplacian matrix, \nBounds of eigenvalue

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7.

Preserving properties for a subclass of functions with negative coefficients.

Radu Diaconu

Department of Mathematics, University of Bucharest, Romania

Keywords: Alexander integral operator, Bernardi integral operator, Ic+delta integral\noperator, Ruscheweyh operator.

8.

The association of fetal sex and common complaints of pregnancy in pregnanat women with sleep disorder

Elena Becker, Hans Müller, Pierre Dubois, Marco Rossi

Department of Medical Sciences, Indian Institute of Technology Delhi, India

Keywords: Pregnant women, Fetal Sex, Sleep disorder

9.

The change in concentrations of VEGF, endostatin and sVEGFR according to trimesters in pregnancy

Arzuhan Cetindag,Ercan Ozdemir,Abdullah Boztosun, Ahmet Kemal Filiz

Department of Medical Biology, Istanbul University, Turkey

Keywords: VEGF, endostatin, solubleVEGFR, angiogenesis, angiogenic factors