

Summary

A. Research papers.....	1103
Life Sciences and Technology.....	1105
<i>Allmanová Zuzana, Jakubis Matúš: Is the BEHI Index (Part of the BANCS Model) Good for Prediction Streambank Erosion?</i>	<i>1107</i>
<i>Chalupa Petr, Poštulková Eva, Hadašová Lenka, Spurný Petr: The Influence of Fisheries Management on the Brown Trout Population in Moravice River.....</i>	<i>1115</i>
<i>Černý Tomáš, Večeřa Milan, Falta Daniel, Chládek Gustav: The Effect of the Season on the Behavior and Milk Yield of the Czech Fleckvieh Cows.....</i>	<i>1125</i>
<i>Hamidi Peyman, Akhlaghi Tohid, Hajjalilou Bonab Masoud: Finite Element Limit Analysis of Active Earth Pressure in Nonhomogeneous soils.....</i>	<i>1131</i>
<i>Handlířová Martina, Procházková Blanka, Smutný Vladimír: Yields of Selected Catch Crops in Dry Conditions</i>	<i>1139</i>
<i>Hanusová Jana, Gálik Roman, Bodo Štefan, Kunc Petr, Knížková Ivana, Staroňová Lenka: Analysis of Quality Milking Process By Thermographic Method.....</i>	<i>1149</i>
<i>Hanuš Oto, Stádník Luděk, Klimešová Marcela, Tomáška Martin, Hasoňová Lucie, Falta Daniel, Kučera Josef, Kopecký Jaroslav, Jedelská Radoslava: The Evaluation of Real Time Milk Analyse Result Reliability in the Czech Republic.....</i>	<i>1155</i>
<i>Horký Pavel, Zeman Ladislav, Skládanka Jiří, Nevrkla Pavel, Sláma Petr: Effect of Selenium, Zinc, Vitamin C and E on Boar Ejaculate Quality at Heat Stress.....</i>	<i>1167</i>
<i>Kintl Antonín, Naurath Adam, Elbl Jakub, Tůma Ivan, Muchová Marcela, Brtnický Martin, Kynický Jindřich: Nitrogen and Phosphorus Availability Effect on Activity of Cellulolytic Microorganisms in Meadows.....</i>	<i>1173</i>
<i>Koudela Martin, Novotný Čeněk: Influence of Cultivars and Seed Thermal Treatment on the Development of Fungal Pathogens in Carrot and Onion Plants</i>	<i>1181</i>
<i>Křivánek Ivo, Máchal Ladislav, Tunka Lukáš: The Effect of Hen Breeds on the Egg Response to the Non Destructive Impact</i>	<i>1191</i>
<i>Kubík Michal, Macháček Ondřej, Mazůrek Ivan: A Study of Hydraulic Resistance of Viscous Bypass Gap in Magnetorheological Damper</i>	<i>1199</i>
<i>Marek Vít, Tunka Lukáš, Polcar Adam, Slimařík Dušan: Reduction of NOx Emission of a Diesel Engine with a Multiple Injection Pump by SCR Catalytic Converter</i>	<i>1205</i>
<i>Nečas Tomáš, Laňar Luděk, Ondrášek Ivo, Náměstek Jan, Láčik Jakub, Kosina Josef: Propagation of Selected Pear and Quince Rootstocks By Hardwood Cuttings</i>	<i>1211</i>
<i>Nerlich Kristin, Gauder Martin, Seidl Frieder, Mastel Klaus, Möhring Jens, Claupein Wilhelm, Graeff-Hönniger Simone: Site-growth relationship of different short-rotation coppice tree species in southwestern Germany four years after establishment</i>	<i>1219</i>
<i>Nevrkla Pavel, Václavková Eva, Hadaš Zdeněk, Horký Pavel: Effect of Farm on Productive and Reproductive Performance in Sows of Prestice Black-pied Pig</i>	<i>1233</i>
<i>Ryant Pavel, Škarpa Petr, Detvanová Lenka, Taušová Lucie: The Effect of Limestone and Stabilized Nitrogen Fertilizers Application on Soil pH Value and on the Forage Production of Permanent Grassland.....</i>	<i>1239</i>
<i>Tvrda Eva, Tušimová Eva, Zbyňovská Katarína, Jambor Tomáš, Lukáč Norbert: Protective Effects of α-tocopherol on the Activity and Antioxidant Profile of Bovine Spermatozoa Subjected to Ferrous Ascorbate-Induced Oxidative Stress.....</i>	<i>1245</i>
<i>Votava Jiří, Kumbár Vojtěch, Polcar Adam: Degradation Processes in Anticorrosive Coatings for Machinery Designed for Fertiliser Application</i>	<i>1257</i>
<i>Votava Jiří, Kumbár Vojtěch, Polcar Adam: Optimisation of Heat Treatment for Steel Stressed by Abrasive Erosive Degradation</i>	<i>1267</i>
<i>Vítěz Tomáš, Koutný Tomáš, Šotnar Martin, Chovanec Jan: On the Spent Coffee Grounds Biogas Production</i>	<i>1279</i>

Economic and Social Sciences, Informatics.....	1283
<i>Adamec Václav: Short-Term and Long-Term Relationships Between Prices of Imported Oil and Fuel Products in the U. S.....</i>	<i>1285</i>
<i>Barzegari Davood: A New Model for Assessing Human Resources with Using the Business Excellence Model</i>	<i>1295</i>
<i>Bobriková Martina: Weather Risk Management in Agriculture</i>	<i>1303</i>
<i>Drápelová Vendula, Verter Nahanga, Hübelová Dana: Demogeographic Analysis To Support the Optimum Realization of the Strategy of Regional Development in the Administrative District of Municipality of Valašské Meziříčí</i>	<i>1311</i>
<i>Kopečková Martina, Máchal Pavel: Survey on the Level of Knowledge and Skills of Project Managers in Regional Development.....</i>	<i>1325</i>
<i>Lampartová Ivana, Blažková Kateřina, Somerlíková Kristina: Public Awareness of the Relation between Nature-friendly Watercourse Modifications and Recreation in Cities</i>	<i>1337</i>
<i>Nágllová Zdeňka, Špička Jindřich, Gürtler Martin: Evaluation of Effects of Investment Support in the Czech Dairy Industry.....</i>	<i>1345</i>
<i>Otáhal Marek, Štěpánková Olga: New Tool for Visualization of Time Series and Anomalies in Streaming Data</i>	<i>1353</i>
<i>Regnerová Olga, Šálková Daniela, Varvažovská Pavla: The Availability of Food for a Gluten-free Diet and Possibilities at Dining Establishments</i>	<i>1365</i>
<i>Szarovská Irena: Quality of Public Finance and Economic Growth in the Czech Republic</i>	<i>1373</i>
<i>Šiška Ladislav: The Contingency Factors Affecting Management Accounting in Czech Companies</i>	<i>1383</i>
<i>Tabas Jakub, Beranová Michaela: Innovations' Survival.....</i>	<i>1393</i>
<i>Tepperová Jana, Pavel Jan: Evaluation of the Impacts of Selected Tax Reforms Influencing the Income of Individuals in the Czech Republic</i>	<i>1401</i>
<i>Vnoučková Lucie, Urbancová Hana, Smolová Helena: Identification and Development of Key Talents through Competency Modelling in Agriculture Companies</i>	<i>1409</i>