

**MEMOIRS OF THE SCIENTIFIC SECTIONS OF  
THE ROMANIAN ACADEMY**

**Tome XXXII, 2009**

**CONTENTS**

**BIOLOGY**

LUMINIȚA BEJENARU, Archaeozoological evaluation of animal husbandry in Medieval Moldavia .....	7
---	---

**MEDICINE**

ANGELA SIMALCSIK and ROBERT-DANIEL SIMALCSIK, Variability of the percentiles of the body mass index in the adolescents from the Republic of Moldova .....	39
ANA ȚARCĂ and ELENA TULUC, Dermatoglyphics in enuresis .....	51

**MECHANICS**

SPIRIDON CREȚU, The influence of the correlation length on pressure distribution and stress state in concentrated rough contacts .....	61
---	----

**COMPUTER SCIENCE AND TECHNOLOGY**

CĂTĂLIN STOEAN and RUXANDRA STOEAN, An evolutionary topological elitist mechanism to pre-inspect multimodal landscapes of optimization problems .....	79
FLORIN ROTARU, SILVIU BEJINARIU, IOAN PĂVĂLOI, CRISTINA-DIANA NIȚĂ, RAMONA LUCA and CAMELIA LAZĂR, Hand-eye transform and 3D reconstruction in robot vision applications .....	89
OVIDIU BUZA, GAVRIL TODEREAN, JOSZEF DOMOKOS and ARPAD ZSOLT BODO, Construction of a syllable-based text-to-speech system for Romanian .....	103
VASILE APOPEI and DOINA JITCĂ, Intonational variations for Romanian Yes-No questions .....	119
LAURA PISTOL and HORIA-NICOLAI TEODORESCU, A note on testing the recognition of emotional states and tones in speech .....	139

**HISTORY OF SCIENCE AND TECHNOLOGY**

HORIA-NICOLAI TEODORESCU, 120 years with the Memoirs of the Scientific Section(s) of the Romanian Academy .....	149
--	-----

<b>BOOK REVIEWS</b> .....	169
---------------------------	-----

