Content

Foreword5
Welcome Note of the Chairman of German Diving, Walter Alt6
Welcome Note of the Director of IAT, Prof. Dr. Arndt Pfützner
Book Chapter
THOMAS KÖTHE A brief Overview about Research Topics in Diving9
LIU WEIGUO A Biomechanics Analysis of Approach and Takeoff Skills for Springboard Diving18
WILLIAM TONG & HOLGER R. DULLIN Geometric Phase in Diving24
CHERIE A. WALKER, THOMAS RICKARDS, & PETER J. SINCLAIR The effect of springboard fulcrum setting on a diver's kinematics
OLIVER STOLL Preparation for the Olympic Games – a psychological approach
SAARA HAAPANEN Motivational States in an International Sample of Springboard and Platform Divers
DORIS I. MILLER Teaming Up to Enhance Diving Performance44
AXEL SCHÜLER & THOMAS KÖTHE Applying evolutionary algorithms to optimize platform diving and evolving of a diving model
JENI MCNEAL Physical Performance and Olympic Team Membership (USA Diving – Strength and Conditioning)61
WESSEL ZIMMERMANN Medical Aspects of Competitive Diving – A Popular Summary of a Private Literature Collection and a Personal Opinion



NIKLAS NOTH & THOMAS KÖTHE Analysis of Olympic Games – Men's Springboard diving	.73
EVGENIA A.RASPOPOVA Personal Features of the Divers of a High Class	.79
THOMAS KÖTHE & ROLAND REGNER Selected scientific articles and publications 1964-2012 in high performance diving (Bibliography)	.80

Authors
