

## Contents

<b>Zadeh L.A.</b> From computing with numbers to computing with words — From manipulation of measurements to manipulation of perceptions .....	307
<b>Mendel J.M.</b> An architecture for making judgments using computing with words .....	325
<b>Grzegorzewski P. and Hryniewicz O.</b> Computing with words and life data .....	337
<b>Pedrycz W. and Vukovich G.</b> Relations of granular worlds .....	347
<b>Türkşen I.B.</b> Upper and lower set formulas: Restriction and modification of the Dempster-Pawlak formalism .....	359
<b>De Cock M. and Kerre E.E.</b> A context based approach to linguistic hedges .....	371
<b>Gemeinder M.</b> Imposing restrictions on density functions utilised in computing with words .....	383
<b>Batyrshin I. and Wagenknecht M.</b> Towards a linguistic description of dependencies in data .....	391
<b>Batyrshin I.</b> On granular derivatives and the solution of a granular initial value problem ....	403
<b>Zhou C.</b> Fuzzy-arithmetic-based Lyapunov synthesis to the design of stable fuzzy controllers: Computing with word approach .....	411
<b>Fazel Zarandi M.H., Türkşen I.B. and Saghiri S.</b> Supply chain: Crisp and fuzzy aspects ..	423
<b>Łeński J.</b> Improving generalization ability of neuro-fuzzy system by $\varepsilon$ -insensitive learning ..	437
<b>Liu J., Ruan D. and Carchon R.</b> Synthesis and evaluation analysis of the indicator information in nuclear safeguards applications by computing with words .....	449