

CONTENTS

THE EDITORS

Preface

1

PETR VOPĚNKA

Prague set theory seminar

5

MARIE HÁJKOVÁ

My life with Petr, Petr's life with me

9

PETR VOPĚNKA

The problem of actualizability of the classical infinity

13

PAVEL PUDLÁK

Arithmetic in Prague in the 1970–80s

27

DICK DE JONGH, RINEKE VERBRUGGE,
AND ALBERT VISSER

Intermediate logics and the de Jongh property

33

ZOFIA ADAMOWICZ

My cooperation with Petr Hájek

53

MATTHIAS BAAZ

Recollections of a non-contradictory logician

57

KAMILA BENDOVIÁ

LC'80, or else how we wanted to organise a conference

61

IVAN M. HAVEL

Seeing numbers

71

DAN POKORNÝ

Where are hypotheses being born?

On exploratory and confirmatory faces of the GUHA method

87

JAN RAUCH

The GUHA method and observational calculi:
tools for data mining

103

| | |
|---|-----|
| MARTIN HOLEŇA Fuzzification of some statistical principles of GUHA | 129 |
| IVAN KRAMOSIL From relative frequencies to lattice-valued possibilistic measures | 141 |
| RADIM JIROUŠEK A note on simple factorization in Dempster-Shafer theory of evidence | 151 |
| JANA ZVÁROVÁ Managing uncertainty in medicine | 169 |
| FRANCESC ESTEVA AND LLUÍS GODO On uncertainty and Kripke modalities in t-norm fuzzy logics | 173 |
| SIEGFRIED GOTTWALD Shaping the logic of fuzzy set theory | 193 |
| VILÉM NOVÁK A brief history of fuzzy logic in the Czech Republic and the significance of P. Hájek for its development | 209 |
| MIRKO NAVARA What is primary: negation or implication? | 227 |
| ALEŠ PULTR Why some fuzzifications are easier than others | 243 |
| FRANCO MONTAGNA Petr Hájek, BL logic and BL-algebras | 257 |
| DANIELE MUNDICI From BL to MV | 273 |
| ANATOLIJ DVUREČENSKIJ AND BELOSLAV RIEČAN On states on BL-algebras and related structures | 287 |
| NIKOLAOS GALATOS AND PETER JIPSEN A survey of generalized Basic Logic algebras | 303 |
| EWA ORŁOWSKA AND ANNA MARIA RADZIKOWSKA Discrete duality for some axiomatic extensions of MTL algebras | 329 |

PETER VOJTÁŠ

Fuzzy logic as Hájek's comparative notion of truth
and applications in preference modeling 345

JAN WOLEŃSKI

Vagueness and ambiguity 361

CHRIS FERMÜLLER

Fuzzy logic and vagueness:
can philosophers learn from Petr Hájek? 373

JONÁŠ HÁJEK

A poem 387

THE LIBRARY OF THE INSTITUTE OF COMPUTER SCIENCE
AND PETR CINTULA

Bibliography of Petr Hájek 389