

## SOME PROBLEMS OF MODERN PHILOSOPHY

Series edited by Marek Sikora, Lidia Godek and Tadeusz Buksiński

### VOLUME V

## THE PROBLEMS OF MODERN PHILOSOPHICAL REFLECTION ON SCIENCE

### TABLE OF CONTENTS

|  |     |
|--|-----|
| TABLE OF CONTENTS .....  | 6   |
| NOTY O AUTORACH .....  | 7   |
| <br>   |     |
| From the editor .....  | 9   |
| <br>   |     |
| Krzysztof Szlachcic, <i>The Conflict between the Theory and Experiment. Over the Stance of the Philosophers of Science towards the Saying: "the worse for facts"</i> ..... | 11  |
| <br>   |     |
| Marek Sikora, <i>Controversy over the Basic Function of Language in the Context of Modern Philosophy of Science</i> .....  | 45  |
| <br>   |     |
| Zenon E. Roskal, <i>Causality Principle in the Context of Experimental Research of the Brownian Motion</i> .....   | 59  |
| <br>   |     |
| Ryszard Kleszcz, <i>Remarks on the Limits of Scientific Knowledge</i> .....  | 75  |
| <br>   |     |
| Elżbieta Kałuszyńska, <i>Number, Size, Measure</i> .....   | 95  |
| <br>   |     |
| Aleksandra Derra, Michał Bomastyk, <i>Equality, Heterogeneity, multi-dimensionality. Feminists' Interventions in the Philosophy of Science ...</i>                         | 107 |

### ARTICLES

|   |     |
|---|-----|
| Karolina Cynk, <i>Violation of Human Dignity in the Context of the Research on the Human Genome</i> ..... | 123 |
|---|-----|