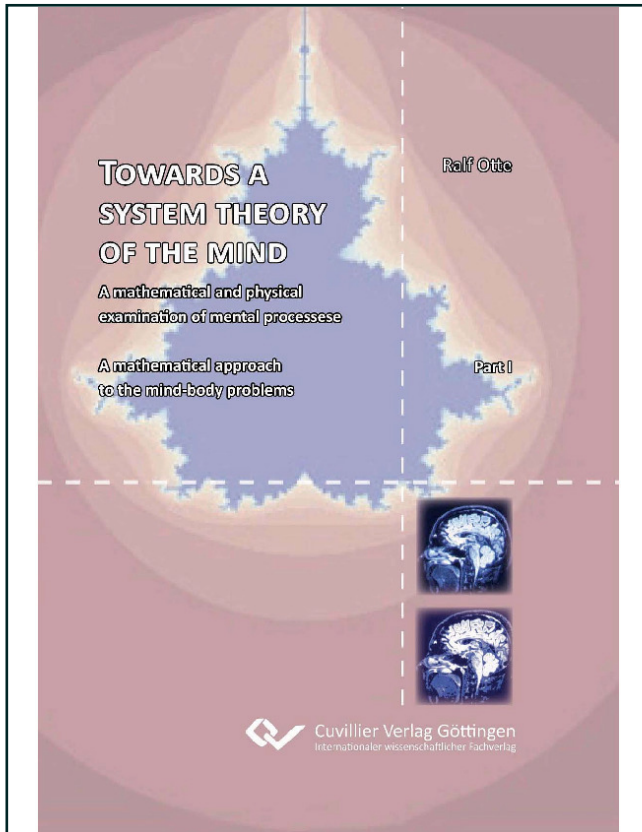




Ralf Otte (Autor)

## **Towards a system theory of the mind**

*A mathematical and physical examination of mental processes  
A mathematical approach to the mind-body problems*



<https://cuvillier.de/de/shop/publications/40>

Copyright:

Cuvillier Verlag, Inhaberin Annette Jentzsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen, Germany  
Telefon: +49 (0)551 54724-0, E-Mail: [info@cuvillier.de](mailto:info@cuvillier.de), Website: <https://cuvillier.de>

## Table of Contents

1. Preliminary considerations and an introduction to the topic .....	19
2. Philosophical reflections on the mind-body problem .....	27
3. Fundamental mathematical and theoretical reflections.....	35
4. An approach to formalising the description of cognitive and neural states.....	47
5. Suggestion for describing the brain within the framework of system theory.....	61
6. Summary and Preview of Part II and Part III .....	79
7. List of References.....	85