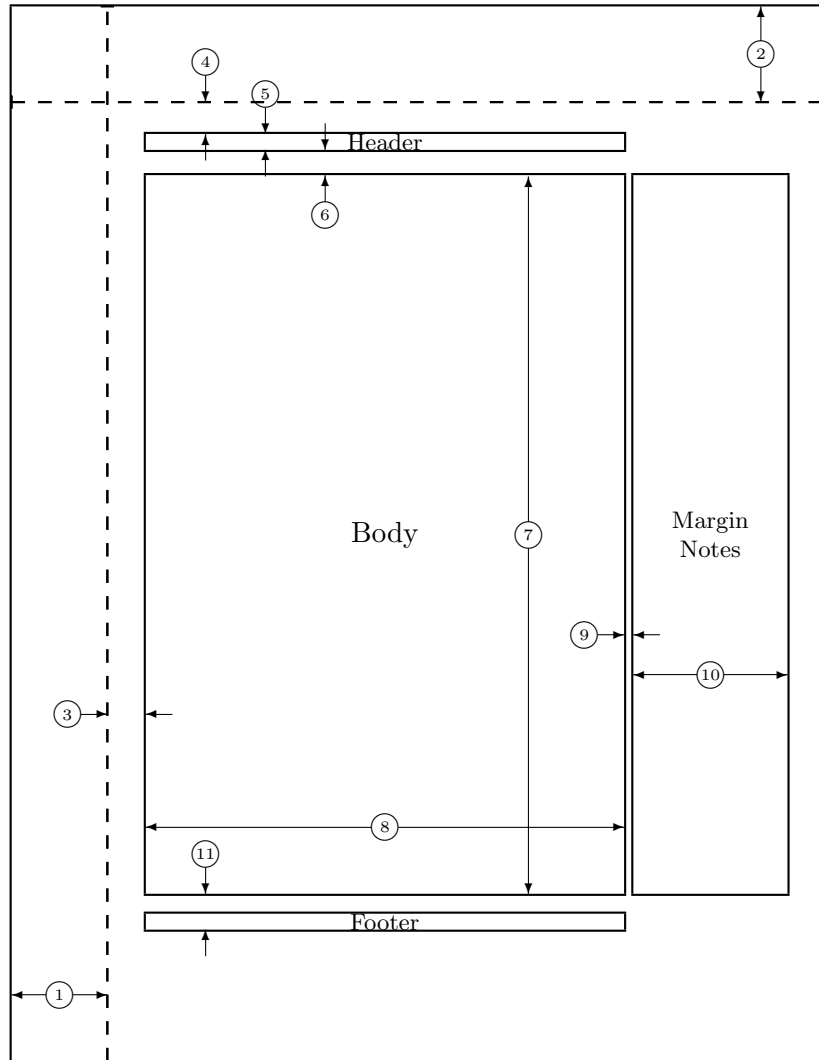


## Systems of Microdifferential Equations

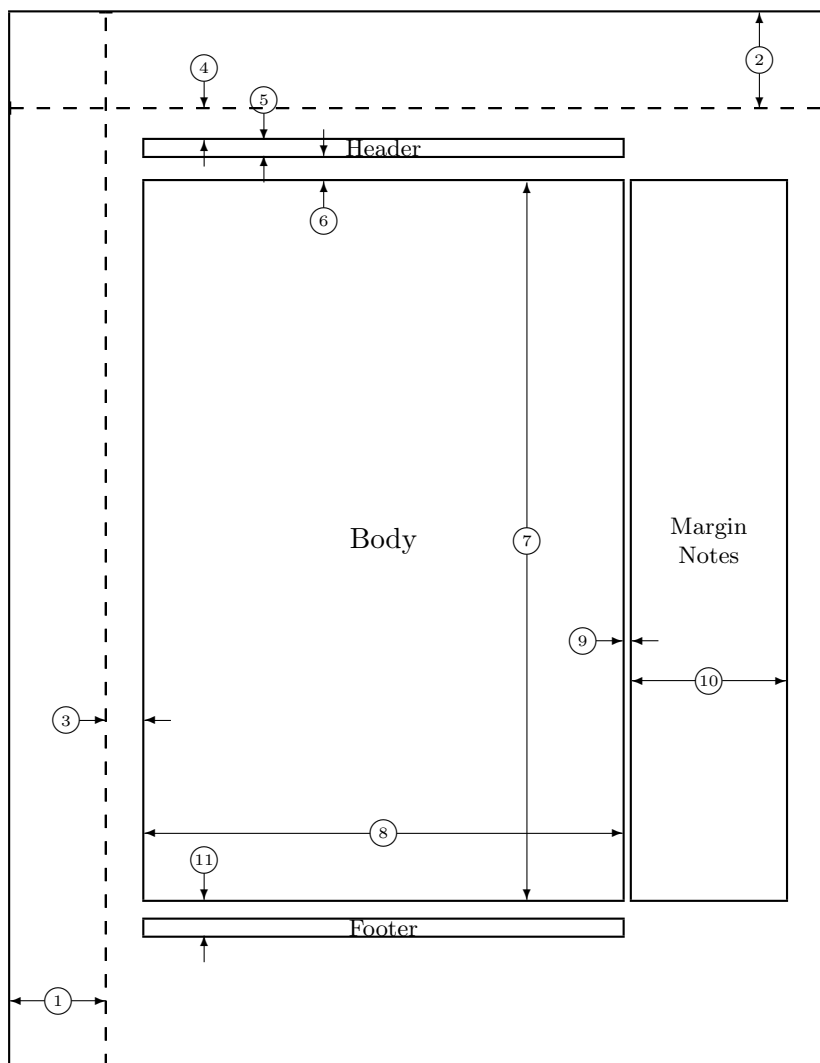


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# Introduction

This book is grew out from a course that Masaki Kashiwara gave at the “Université Paris-Nord” during the first term of the academic year 1976–77. Teresa Monterio Fernandes worked out lecture notes for this course, which were preprinted in 1979 by Paris-Nord under the title “Systèmes d’équations microdifférentielles” and distributed to a happy few.





## Chapter 1

# Microfunctions



## Chapter 2

# Microdifferential Systems



## Chapter 3

# Structure of Coherent $\mathcal{E}_X$ -modules



## Chapter 4

# Holomorphic Solutions of Systems of Partial Differential Equations





## Chapter 5

# Solutions of Holonomic Systems



## Chapter 6

# Index Theorems



## Appendix A

# Derived Categories and Functors



## Appendix B

# Whitney Stratification and Constructible Sheaves





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