# CONTENTS

**Preface**  
ix  

**Acknowledgments**  

**Chap. I** Historical introduction to the problem of differentiation  

I Early amphibian development: a descriptive sketch  

II Early amphibian development: a preliminary experimental analysis  

III The origin of polarity, symmetry, and asymmetry  

IV Cleavage and differentiation  

V Organisers: inducers of differentiation  

VI The mosaic stage of differentiation  

VII Fields and gradients  

VIII Fields and gradients in normal ontogeny  

IX Gradient-fields in post-embryonic life  

X The further differentiation of the amphibian nervous system  

XI The hereditary factors and differentiation  

XII The prefuctional as contrasted with the functional period of development  

XIII Summary  

**Bibliography and index of authors**  

**Appendix**  

**Index of subjects**