

# Lecture Notes in Mathematics

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## Toposes, Algebraic Geometry and Logic

Dalhousie University, Halifax, January 16–19, 1971

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## Preface

This volume partially reports a conference on "Connections between Category Theory and Algebraic Geometry & Intuitionistic Logic" held at Halifax, Nova Scotia, Canada, January 16-19, 1971 under the sponsorship of Dalhousie University.\*)

Of the seventy mathematicians participating, eight delivered addresses which are represented by the seven articles and the introduction included here. Many more participants contributed essentially to the conference by giving more or less informal lectures and by taking part in the lively mathematical discussions. Because the University administration had just refused to renew my contract due to my political activities, a ninth invited speaker declined to deliver his address, thus joining in the protest which was supported by a majority of the participants. The tension created by the administration's action failed however to dampen the scientific enthusiasm within the conference. Rather the conference concentrated and sharpened the development whereby two previously unrelated trends in modern mathematics are now each applying concepts and methods developed by the other.

Arnold J. Tingley and his staff at Dalhousie University should be thanked here for their tireless work in preparing the conference and this volume.

F.W.Lawvere

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