

## **CONTENTS**

|  |    |
|--|----|
| Introduction   | 1  |
| 1. The algebraic fundamental group of a reductive group  | 6  |
| 2. Abelian Galois cohomology                             | 11 |
| 3. The abelianization map                                | 17 |
| 4. Computation of abelian Galois cohomology              | 30 |
| 5. Galois cohomology over local fields and number fields | 38 |
| References   | 48 |