

Download Mathematical Population Genetics I Theoretical Introduction 2nd Edition

Population genetics occupies a central role in a number of important biological and social undertakings. It is fundamental to our understanding of evolutionary processes, of plant and animal breeding programs, and of various diseases of particular importance to mankind. This book will appeal to graduate students and researchers interested in theoretical population genetics and evolution. ... This book is an excellent combination of an introduction to population genetics theory for a mathematically sophisticated reader, together with a survey of current work in the field. ... From the reviews of the second edition: Resources in theoretical population genetics Textbooks Ewens, W. J. 2004. Mathematical Population Genetics. I. Theoretical introduction. Second edition. This is the first of a planned two-volume work discussing the mathematical aspects of population genetics with an emphasis on evolutionary theory. This volume draws heavily from the author's 1979 classic, but it has been revised and expanded to include recent topics which follow naturally from the