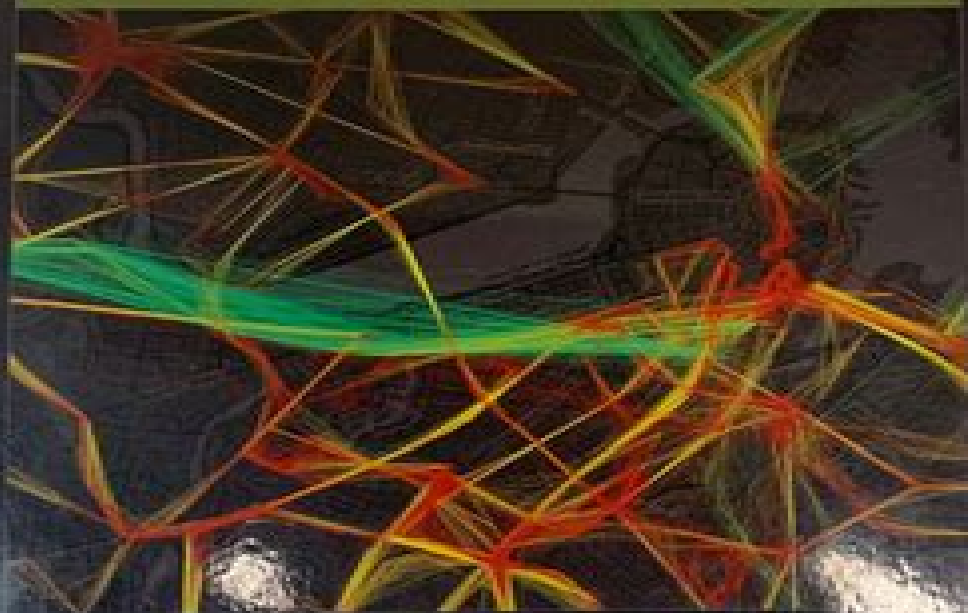


A Primer of GIS

Fundamental Geographic
and Cartographic Concepts

SECOND EDITION



Francis Harvey

A Primer Of Gis Second Edition Fundamental Geographic And Cartographic Concepts

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Fertility involves the number of children that women have and is to be contrasted with fecundity a woman's childbearing potential Mortality is the study of the causes consequences and measurement of processes affecting death to members of the population Demographers most commonly study mortality using the Life Table a statistical device that provides information about the mortality conditions most notably the life expectancy in the population Migration refers to the movement of persons from a locality of origin to a destination place across some pre defined political boundary Migration researchers do not designate movements migrations unless they are somewhat permanent Thus demographers do not consider tourists and travelers to be migrating While demographers who study migration typically do so through census data on place of residence indirect sources of data including tax forms and labour force surveys are also important Demography is today widely taught in many universities across the world attracting students with initial training in social sciences statistics or health studies Being at the crossroads of several disciplines such as sociology economics epidemiology geography anthropology and history demography offers tools to approach a large range of population issues by combining a more technical quantitative approach that represents the core of the discipline with many other methods borrowed from social or other sciences Demographic research is conducted in universities in research institutes as well as in statistical departments and in several international agencies Contents Cartography Statistical Methods in Geography Outline of Geography Industrial Location Theory The Von Thunen Model Theories of Population Population Structure Population Growth Human Population Control Classical

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aim not only at controlling the unregulated human growth of numerical strength but also at checking the unregulated movement of the population and increasing the concentration of people in the urbanized areas and providing adequate living space and other facilities These goals have to be jointly linked with the formulation and implementation of policies aimed at population regulation and planning for harnessing both natural and human resources Thus only population growth per se may not be perceived as a problem but its relation with the availability of resources may be viewed with great concern This book will help to some extent to be a well informed person on the Indian demographic situation to the readers in general This will be a source of knowledge and a resource book in the discipline of population studies for academicians University teachers and researchers administrators programme personnel executives field functionaries and other general readers who are involved in solving the gigantic and number one national population problem in different capacities in India

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