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Nota di contenuto	Cover; Title Page; Copyright; Contents; Preface; Acknowledgments; Chapter 1 Preliminaries of Fuzzy Set Theory; Bibliography; Chapter 2 Basics of Fractional and Fuzzy Fractional Differential Equations; Bibliography; Chapter 3 Analytical Methods for Fuzzy Fractional Differential Equations (FFDES); 3.1 n-Term Linear Fuzzy Fractional Linear Differential Equations; 3.2 Proposed Methods; Bibliography; Chapter 4 Numerical Methods for Fuzzy Fractional Differential Equations; 4.1 Homotopy Perturbation Method (HPM); 4.2 Adomian Decomposition Method (ADM); 4.3 Variational Iteration Method (VIM) Bibliography; Chapter 5 Fuzzy Fractional Heat Equations; 5.1 Arbitrary-Order Heat Equation; 5.2 Solution of Fuzzy Arbitrary-Order Heat Equations by HPM; 5.3 Numerical Examples; 5.4 Numerical Results; Bibliography; Chapter 6 Fuzzy Fractional Biomathematical Applications; 6.1 Fuzzy Arbitrary-Order Predator-Prey Equations; 6.1.1 Particular Case; 6.2 Numerical Results of Fuzzy Arbitrary-Order Predator-Prey Equations; Bibliography; Chapter 7 Fuzzy Fractional Chemical Problems;

7.1 Arbitrary-Order Rossler's Systems; 7.2 HPM Solution of Uncertain Arbitrary-Order Rossler's System; 7.3 Particular Case
7.3.1 Special Case7.4 Numerical Results; Bibliography; Chapter 8 Fuzzy Fractional Structural Problems; 8.1 Fuzzy Fractionally Damped Discrete System; 8.2 Uncertain Response Analysis; 8.2.1 Uncertain Step Function Response; 8.2.2 Uncertain Impulse Function Response; 8.3 Numerical Results; 8.3.1 Case Studies for Uncertain Step Function Response; 8.3.2 Case Studies for Uncertain Impulse Function Response; 8.4 Fuzzy Fractionally Damped Continuous System; 8.5 Uncertain Response Analysis; 8.5.1 Unit step Function Response; 8.5.2 Unit Impulse Function Response; 8.6 Numerical Results
8.6.1 Case Studies for Fuzzy Unit Step Response8.6.2 Case Studies for Fuzzy Unit Impulse Response; Bibliography; Chapter 9 Fuzzy Fractional Diffusion Problems; 9.1 Fuzzy Fractional-Order Diffusion Equation; 9.1.1 Double-Parametric-Based Solution of Uncertain Fractional-Order Diffusion Equation; 9.1.2 Solution Bounds for Different External Forces; 9.2 Numerical Results of Fuzzy Fractional Diffusion Equation; Bibliography; Chapter 10 Uncertain Fractional Fornberg-Whitham Equations; 10.1 Parametric-Based Interval Fractional Fornberg-Whitham Equation; 10.2 Solution by VIM
10.3 Solution Bounds for Different Interval Initial Conditions10.4 Numerical Results; Bibliography; Chapter 11 Fuzzy Fractional Vibration Equation of Large Membrane; 11.1 Double-Parametric-Based Solution of Uncertain Vibration Equation of Large Membrane; 11.2 Solutions of Fuzzy Vibration Equation of Large Membrane; 11.3 Case Studies (Solution Bounds for Particular Cases); 11.4 Numerical Results for Fuzzy Fractional Vibration Equation for Large Membrane; Bibliography; Chapter 12 Fuzzy Fractional Telegraph Equations; 12.1 Double-Parametric-Based Fuzzy Fractional Telegraph Equations
12.2 Solutions of Fuzzy Telegraph Equations Using Homotopy Perturbation Method

2. Record Nr.	UNINA9910821292403321
Autore	Ma Jun <1964->
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Nota di contenuto	Frontmatter -- Contents -- Preface -- Introduction -- Part One. Getting to 30 g/m3 -- Introduction to Part One -- Chapter One. PM2.5 Data, Reduction Model, and Policy Package -- Chapter Two. Environmental Actions: Necessary but Insufficient -- Chapter Three. Structural Adjustment: The What and the How -- Chapter Four. Enabling Change: Incentives Needed -- Chapter Five. The Cleanup and Economic Growth -- Part Two. Case Studies and Green Finance -- Chapter Six. Case Study: Shanghai -- Chapter Seven. Case Study: Beijing -- Chapter Eight. How to Deal with Coal -- Chapter Nine. Making Green Finance Work in China -- Notes -- Index
Sommario/riassunto	Suffocating smog regularly envelops Chinese metropolises from Beijing to Shanghai, clouding the future prospect of China's growth sustainability. Air pollutants do not discriminate between the rich and the poor, the politician and the "average Joe." They put everyone's health and economic prosperity at risk, creating future costs that are difficult to calculate. Yet many people, including some in China, are concerned that addressing environmental challenges will jeopardize economic growth. In The Economics of Air Pollution in China, leading

Chinese economist Ma Jun makes the case that the trade-off between growth and environment is not inevitable. In his ambitious proposal to tackle severe air pollution and drastically reduce the level of so-called PM 2.5 particles-microscopic pollutants that lodge deeply in lungs-Ma Jun argues that in targeting pollution, China has a real opportunity to undertake significant structural economic reforms that would support long-term growth. Rooted in rigorous analyses and evidence-based projections, Ma Jun's "big bang" proposal aims to mitigate pollution and facilitate a transition to a greener and more sustainable growth model.
