
Contents

Preface.....vii

Editors.....ix

Contributorsxi

Chapter 1 Pure Mathematics Applied to Bio-Engineering Problems..... 1

Anthony G. Shannon, Ömür Deveci, and Yeşim Aküzüm

Chapter 2 Inverse Coefficient Problem for Nonlinear Euler-Bernoulli
Equation with Periodic Boundary and Integral
Addition Conditions26

İrem Bağlan and Fatma Kanca

Chapter 3 A Classification of Focal Surfaces of a Tube Surface in E^3 48

Sezgin Büyükkütük, İlim Kişi, and Günay Öztürk

Chapter 4 Approximation of Functions in Certain Lipschitz Classes
by $(M, \lambda_n)(E, I)$ Means of Fourier Series and Conjugate
Series of Fourier Series65

Shilpa Das and Hemen Dutta

Chapter 5 NTRU Cryptosystem over Rational Numbers Q_p
and a New Verification Method over Rational
Functions Field83

Mehmet Sever

Chapter 6 Metric Space and Fixed-Point Results in G – Metric Spaces99

Talat Nazir and Mujahid Abbas

Chapter 7 Inertial Three-Step Forward-Backward Splitting Algorithms
to Solve Inclusion Problems, and Their Application to Image
Restoration Problems 141

W. Chulamjiak, D. Yambangwai, and S. Das

Chapter 8 Explicit Study of Fractal Generation of Mandelbrot and Julia
 Sets via Picard–*S* Iteration Scheme with *S*–Convexity 173
 Nisha Sharma, Hemen Dutta, and Shikha Pandey

Index..... 199