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Nota di contenuto	Fixed Point Results and Applications in Left Multivariate Fractional Calculus Fixed Point Results and Applications in Right Multivariate Fractional Calculus Semi-local Iterative Procedures and Applications In K-Multivariate Fractional Calculus Newton-like Procedures and Applications in Multivariate Fractional Calculus Implicit Iterative Algorithms and Applications in Multivariate Calculus Monotone Iterative Schemes and Applications in Fractional Calculus Extending the Convergence Domain of Newton's Method The Left Multidimensional Riemann-Liouville Fractional Integral The Right Multidimensional Riemann-Liouville Fractional Integral.
Sommario/riassunto	In this short monograph Newton-like and other similar numerical methods with applications to solving multivariate equations are developed, which involve Caputo type fractional mixed partial derivatives and multivariate fractional Riemann-Liouville integral

chapters are self-contained and can be read independently. An extensive list of references is given per chapter. The book's results are expected to find applications in many areas of applied mathematics, stochastics, computer science and engineering. As such this short monograph is suitable for researchers, graduate students, to be used in graduate classes and seminars of the above subjects, also to be in all science and engineering libraries.