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Soggetti	Numerical analysis Algorithms Computer simulation Computer science—Mathematics Discrete mathematics Mathematical physics Numerical Analysis Computer Modelling Discrete Mathematics in Computer Science Theoretical, Mathematical and Computational Physics
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Nota di contenuto	Numerical approximation and computational geometry -- Numerical linear algebra and numerical solution of transcendental equation -- Numerical methods for differential equations -- Numerical stochastics, numerical modeling.- High performance scientific computing.
Sommario/riassunto	This book constitutes thoroughly revised selected papers of the 5th International Conference on Numerical Analysis and Its Applications, NAA 2012, held in Lozenetz, Bulgaria, in June 2012. The 65 revised papers presented were carefully reviewed and selected from various submissions. The papers cover a broad area of topics of interest such as numerical approximation and computational geometry; numerical

linear algebra and numerical solution of transcendental equation;  
numerical methods for differential equations; numerical stochastics,  
numerical modeling; and high performance scientific computing.

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