Generative Programming and Component Engineering: 4th International Conference, Gpce 2005, Tallinn, Estonia, September 29 - October 1, 2005, Proceedings

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Springer. Paperback. Book Condition: New. Paperback. 452 pages. Dimensions: 9.2in. x 6.0in. x 1.0in.Generative Programming and Component Engineering (GPCE) is a leading - searchconferenceonautomaticprogrammingandcomponentengineering. These approaches to software engineering have the potential to revolutionize software development as automation and components revolutionized manufacturing. The conference brings together researchers and practitioners interested in adva- ing automation for software development. It is also a premier forum for cro- fertilization between the programming language and software engineering - search communities. GPCEaroseasajointconference, mergingthepriorconferenceonGenerative and Component-Based Software Engineering (GCSE) and the Workshop on - mantics, Applications, andImplementationofProgramGeneration(SAIG). The proceedingsofthepreviousGPCEconferenceswerepublishedintheLNCSseries of Springer as volumes2487, 2830, and 3286. In 2005 GPCE wasco-locatedwith the International Conference on Functional Programming (ICFP) and the s- posium on Trends in Functional Programming (TFP), reecting the vigorous interaction between the functional programming and generative programming research communities. GPCE and ICFP are both sponsored by the Association for Computing Machinery. The quality and breadth of the papers submitted to GPCE 2005 was impr- sive. All 86 papers, including 5 papers for tool demonstrations, were rigorously reviewed by 17 highly qualied Program Committee members. The members of the Program Committee rst provided in-depth individual