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this festschrift was published in honor of hans l bodlaender on the occasion of his 60th birthday the 14 full and 5 short contributions included in this volume show the many transformative discoveries made by h l bodlaender in the areas of graph algorithms parameterized complexity kernelization and combinatorial games the papers are written by his former ph d students and colleagues as well as by his former ph d advisor jan van leeuwen chapter crossing paths with hans bodlaender a personal view on cross composition for sparsification lower bounds is available open access under a

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high throughput sequencing and functional genomics technologies have given us a draft human genome sequence and have enabled large scale genotyping and gene expression profiling of human populations databases containing large numbers of sequences polymorphisms and gene expression profiles of normal and diseased tissues in different clinical states are rapidly being generated for human and model organisms bioinformatics is thus rapidly growing in importance in the annotation of genornic sequences in the understanding of the interplay between genes and proteins in the analysis of the genetic variability of species and so on this proceedings contains an up to date exchange of knowledge ideas and solutions to conceptual and practical issues of bioinformatics by researchers professionals and industrial practitioners at the 4th asia pacific bioinformatics conference held in taipei in february 2006

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