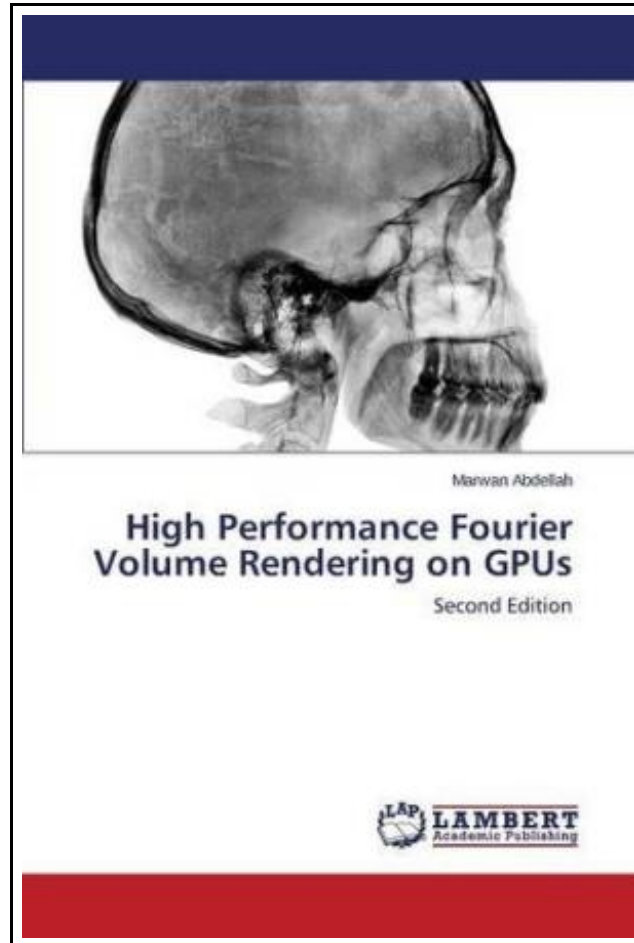


High Performance Fourier Volume Rendering on GPUs



Filesize: 9.07 MB

Reviews

The ebook is not difficult in read through easier to comprehend. Of course, it is perform, nonetheless an interesting and amazing literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Dr. Haylee Grimes PhD)

HIGH PERFORMANCE FOURIER VOLUME RENDERING ON GPUS

DOWNLOAD



LAP Lambert Academic Publishing Apr 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x9 mm. This item is printed on demand - Print on Demand Neuware - Fourier Volume Rendering is considered one of the most significant volume visualization techniques that has been employed extensively in digital radiography. It gained wide acceptance by the medical community and particularly in clinical radio-oncology as a fast tool for generating digital x-ray radiographs due to its reduced time-complexity. Driven by the tremendous horsepower embedded in its highly parallel architecture, the GPU has turned out from being a dedicated chip for graphics applications to be an attractive high performance computing platform for addressing advanced, complex and parallelizable non-graphics applications. In this sequel, a high performance implementation for the Fourier volume rendering pipeline is presented. This implementation exploits the parallel architecture and the formidable computing power of the state-of-the-art CUDA-enabled GPUs. The pure GPU-based implementation outperforms an optimized CPU-GPU hybrid implementation by a factor of 30× for the entire pipeline and 247× for the rendering loop. 144 pp. Englisch.



[Read High Performance Fourier Volume Rendering on GPUs Online](#)



[Download PDF High Performance Fourier Volume Rendering on GPUs](#)

You May Also Like



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Read ePub »](#)



JA] early childhood parenting :1-4 Genuine Special(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2006-01-01 Pages: 179 Publisher: the China Pictorial Our book is all...

[Read ePub »](#)



Programming in D: Tutorial and Reference (Paperback)

Ali Cehrel, 2015. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The main aim of this book is to teach D to readers who are...

[Read ePub »](#)



Programming in D

Ali Cehrel Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Read ePub »](#)



DK READERS Pirates Raiders of the High Seas

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.8in. x 5.9in. x 0.2in.Meet Pirates who got away with murder. . . and pirates who died in the hangmans noose! These 48-page books about...

[Read ePub »](#)