

## Computer Graphics for ANNA University (V-CSE-2013 Course)



Filesize: 2.33 MB

### ***Reviews***

*A whole new eBook with a brand new point of view. It is definitely simplistic but shocks in the 50 percent of the publication. I am just pleased to explain how this is the greatest ebook i have read during my very own daily life and could be he best ebook for possibly.*  
***(Mitchell Kuhn III)***

## COMPUTER GRAPHICS FOR ANNA UNIVERSITY (V-CSE-2013 COURSE)



Technical Publications 0. Softcover. Book Condition: New. First edition. Introduction Survey of computer graphics, Overview of graphics systems - Video display devices, Raster scan systems, Random scan systems, Graphics monitors and workstations, Input devices, Hard copy devices, Graphics software; Output primitives - Points and lines, Line drawing algorithms, Loading the frame buffer, Line function, Circle and ellipse generating algorithms, Pixel addressing and object geometry, Filled area primitives. Two Dimensional Graphics Two dimensional geometric transformations - Matrix representations and homogeneous co-ordinates, Composite transformations, Two dimensional viewing - Viewing pipeline, Viewing co-ordinate reference frame, Window-to-viewport co-ordinate transformations, Two dimensional viewing functions, Clipping operations - Point, Line and polygon clipping algorithms. Three Dimensional Graphics Three dimensional concepts, Three dimensional object representations - Polygon surfaces - Polygon tables - Plane equations - Polygon meshes, Curved lines and surfaces, Quadratic surfaces, Blobby objects, Spline representations - Bezier curves and surfaces - B-spline curves and surfaces. Transformation and Viewing : Three dimensional geometric and modeling transformations - Translation, Rotation, Scaling, Composite transformations, Three dimensional viewing - Viewing pipeline, Viewing co-ordinates, Projections, Clipping, Visible surface detection methods. Illumination and Colour Models Light sources - Basic illumination models - Halftone patterns and dithering techniques, Properties of light - Standard primaries and chromaticity diagram, Intuitive colour concepts - RGB colour model - YIQ colour model - CMY colour model - HSV colour model - HLS colour model, Colour selection. Animations and Realism Animation Graphics : Design of animation sequences - Animation function - Raster animation - Key frame systems - Motion specification - Morphing - Tweening. Computer Graphics Realism : Tiling the plane - Recursively defined curves - Koch curves - C curves - Dragons - Space filling curves - Fractals - Grammar based models - Fractals - Turtle graphics - Ray tracing. Printed Pages: 520.



[Read Computer Graphics for ANNA University \(V-CSE-2013 Course\) Online](#)



[Download PDF Computer Graphics for ANNA University \(V-CSE-2013 Course\)](#)

## Other PDFs



### **Ask Dr K Fisher About Dinosaurs**

Kingfisher, Great Britain, 2007. Softcover. Book Condition: New. Sheppard, Kate (illustrator). 32 pages. Multiple copies of this title available. For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of...

[Download ePub »](#)



### **Skills for Preschool Teachers, Enhanced Pearson eText - Access Card**

Pearson Education (US), United States, 2016. Online resource. Book Condition: New. 10th edition. 279 x 216 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing...

[Download ePub »](#)



### **Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930**

2009. Softcover. Book Condition: New. 5th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Download ePub »](#)



### **Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452**

2011. Softcover. Book Condition: New. 6th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Download ePub »](#)



### **Dont Be Bully!**

Full Circle, New Delhi, India. Softcover. Book Condition: New. Brave little Kamya protects Tia from the school bully Josh and proves to be a true friend. Don't be a bully, is a story to inspire young...

[Download ePub »](#)