

SIGGRAPH '93 Technical Slide Set Credits

Edited by Rosalee Nerheim-Wolfe

The SIGGRAPH '93 technical slide set represents the state-of-the-art in computer-generated imagery. The set has 78 slides, the last 14 of which constitute seven stereo pairs. Selected slides from this set are included on the CD-ROM. The slides are printed here in black and white to facilitate locating information about the images. The full color 35mm slide set can be ordered from: ACM order department, P.O. Box 64145, Baltimore, MD 21264; 1-800-342-6626. The ACM order number for the SIGGRAPH '93 technical slide set is 915930. The cost is \$33 for members; \$44 for non-members.

Michael Bailey, Steve Cunningham, Jim Kajiya and Rosalee Nerheim-Wolfe were the jury panel for this year's technical slide set. Thanks to Elizabeth Cato for developing and maintaining the database supporting this set.

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1 Genetic Sand Painting

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3 Fractal Mandala

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4 Gravitational Waves from a Strongly Distorted Black Hole

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5 Gravitational Waves from a Strongly Distorted Black Hole

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6 Gravitational Waves from a Strongly Distorted Black Hole

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7 Diffractive Sphere

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8 Diffractive Plane

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9 Implicit Deformable Solids: Two Balls on Gutters

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10 Implicit Deformable Solids: Cross Sections

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11 Simplex Mesh Modeling

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12 Simplex Based Animation

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13 Simplex Based 3D Metamorphosis

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14 The Earth Taking Into Account Atmosphere

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15 Cloud Visualization

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16 Hurricane Andrew

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17 Interactive Flashlight Tool Used To Highlight Protein Structures

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18 Visualization of Cytoplasmic Maleate Dehydrogenase

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19 Close Contacts within a Protein Molecule - The Puzzle Piece Metaphor

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20 Superposition of Alpha Helix Turn Pairs

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21 Traffic Jam to Point Reyes

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22 Soil Manipulation Models

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23 Natural Shapes

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24 Four Seasons

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25 Knowledge-based Augmented Reality

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26 Nanomanipulator User Interface

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27 Surface of Ion- Bombarded Graphite

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28 Electron Density Contours in a Optically Active Polymer (I)

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29 Felix Visualization

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30 DNA Crystal Packing Cross-Section

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31 Imide Analysis

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32 The World According to Buckminster Fuller

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33 Green Interior

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34 Pink Interior

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35 From Ruins to Reality — Closeup of the Ruins and Reconstruction

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**36 From Ruins to Reality
— The Painted Wooden
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**37 Les Contes
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38 La Boheme Evening
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39 Edificio Scolastico
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40 Creamy Illusions
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**41 LIC'er Basket
Reprise**
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42 Iron Filings
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**45 Cusped Triangular
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capitulum of Hieracium
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48 Pagoda Shell
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**54 Topography of the
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**55 Topography of the
Earth**
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**56 Topography of the
Earth**
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**57 Topography of the
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**58 Topography of the
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**59 Reservoir Simulation
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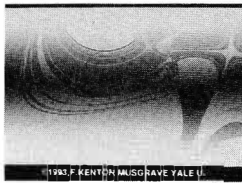
**69,70 Serpinski's
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Night**
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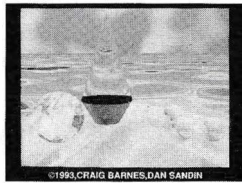
**73,74
Acetylcholinesterase**
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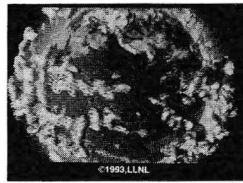
**77,78 Random close-
packed spheres**
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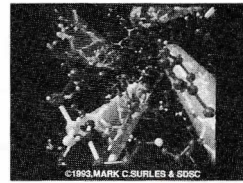
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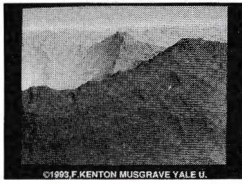
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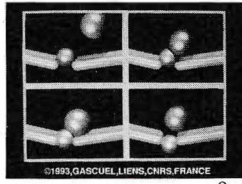
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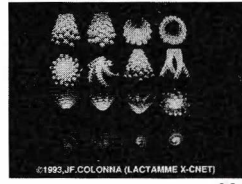
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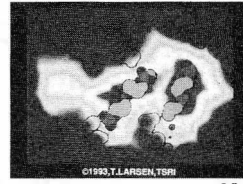
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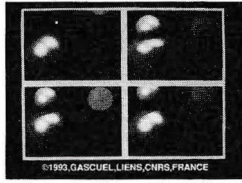
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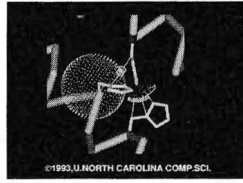
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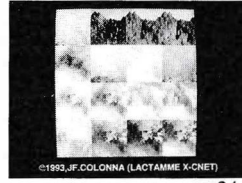
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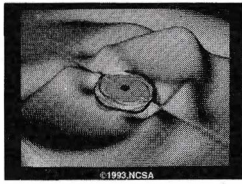
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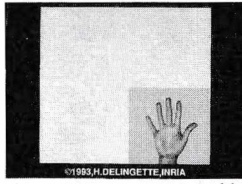
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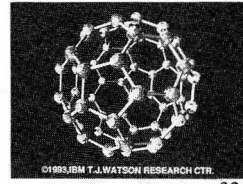
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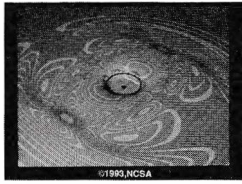
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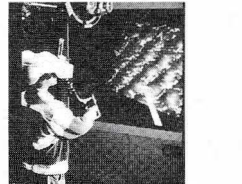
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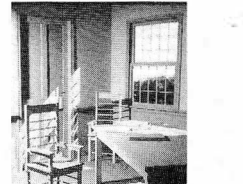
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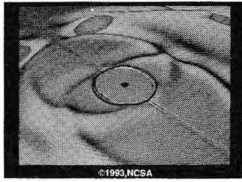
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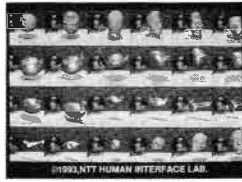
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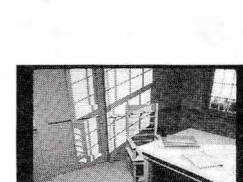
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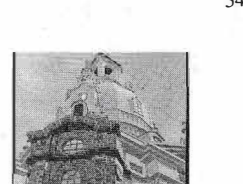
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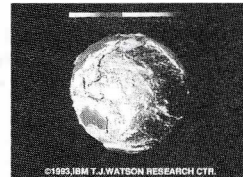
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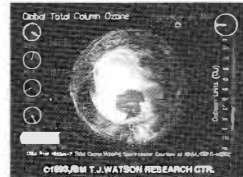
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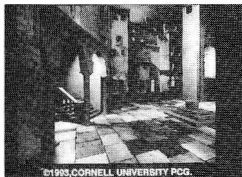
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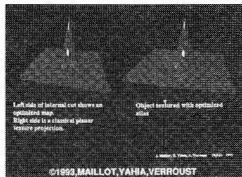
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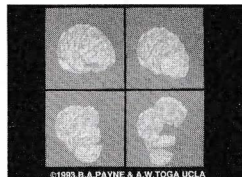
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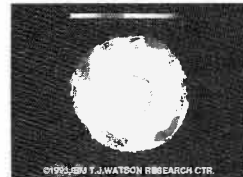
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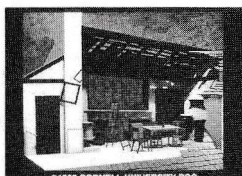
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67, 68



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69, 70



39



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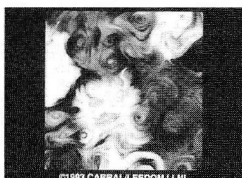
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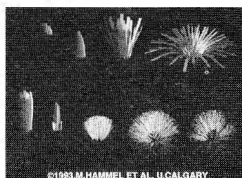
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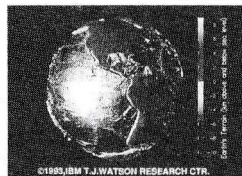
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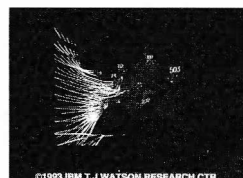
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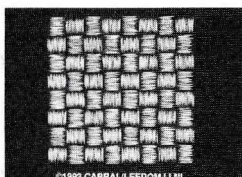
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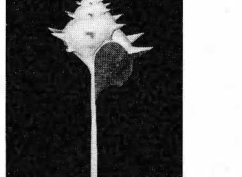
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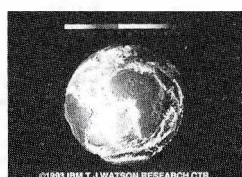
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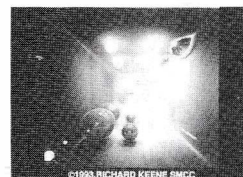
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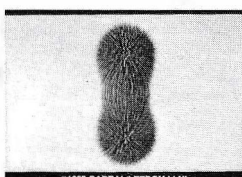
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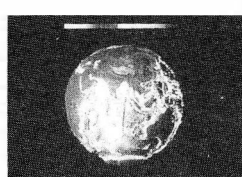
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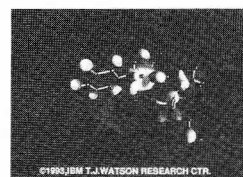
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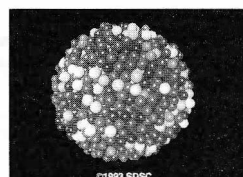
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56



63, 64



77, 78