PV227 GPU programming

Marek Vinkler

Department of Computer Graphics and Design



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Particle systems

- fixed particles,
- iterative particles.



Fixed particles

- render the particle as a point,
- update their position based on time,
- optionally texture the point.



Figure: Particles representing stars in t = 0.



Iterative particles

- render particles as points,
- update their position based on previous position.



Figure: Emanating 64×64 particles in t = 1.f

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