

SCBD Visualization - Arrow Representation of Particle Motion

- SCBD is 2D surface in 4D space x, x', y, y' .
- Visualized 10 representative particles each with 54000 nodes.
- Arrow head represent (x, y) position
- Arrow direction represent (x', y') slope
- Arrow length represent: $\sqrt{(x')^2 + (y')^2}$
- Built a quiver-based animation to show evolution with s .
- Step sizes used: 500, 50, 5
- Animation.

