

particle state

vertex coordinates

|               |               |
|---------------|---------------|
| p0<br>(x,y,z) | p1<br>(x,y,z) |
| p2<br>(x,y,z) | p3<br>(x,y,z) |



|               |               |               |               |               |               |               |               |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| p0<br>(x,y,z) | p0<br>(x,y,z) | p0<br>(x,y,z) | p0<br>(x,y,z) | p1<br>(x,y,z) | p1<br>(x,y,z) | p1<br>(x,y,z) | p1<br>(x,y,z) |
| p2<br>(x,y,z) | p2<br>(x,y,z) | p2<br>(x,y,z) | p2<br>(x,y,z) | p3<br>(x,y,z) | p3<br>(x,y,z) | p3<br>(x,y,z) | p3<br>(x,y,z) |