







Example #1: Shape Description



































RenderMan Example

displacement

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```
lumpy ( float Km = 1, frequency = 1, maxoctaves = 6;
string shadingspace = "shader";
float truedisp = 1;)
```

point Pshad = transform (shadingspace, frequency*P); float dPshad = filterwidthp(Pshad);

float magnitude = fBm (Pshad, dPshad, maxoctaves, 2, 0.5);

N = Displace (normalize(N), shadingspace, Km*magnitude, truedisp);

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