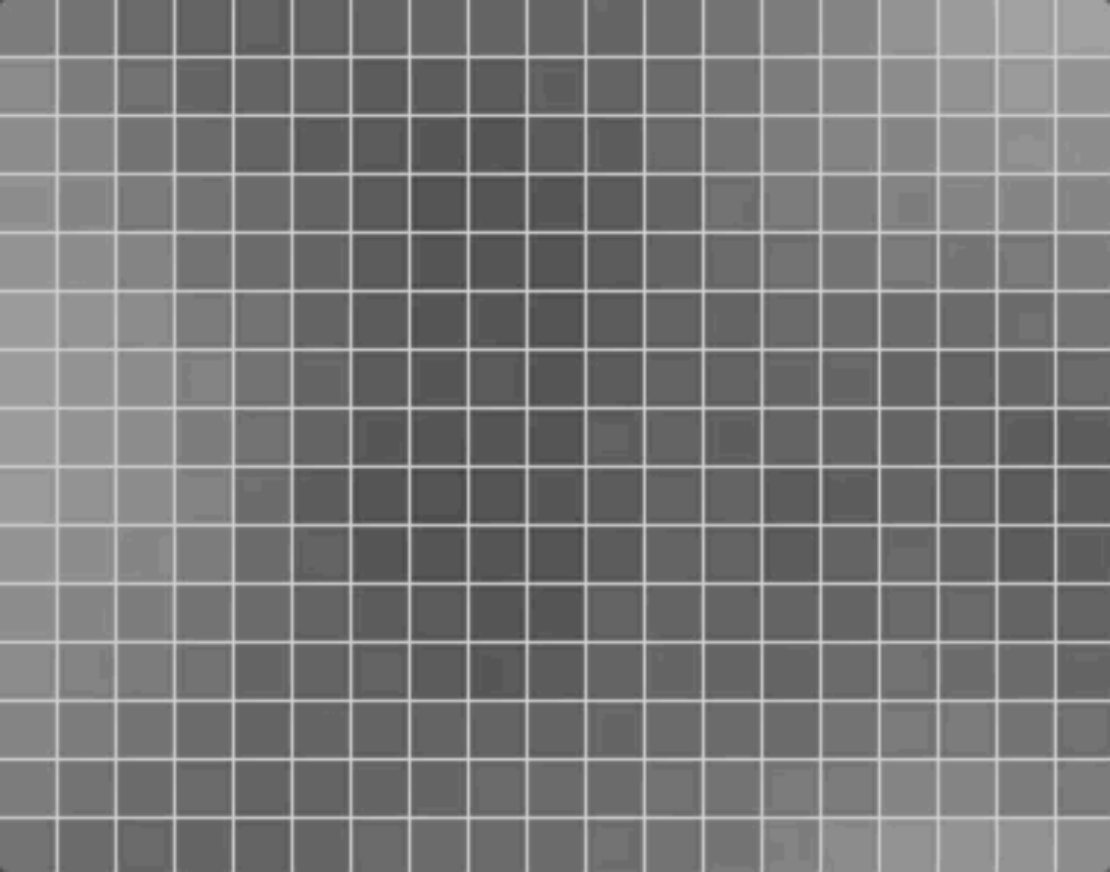




*Antinatalism* / *Pro-Fields*???

```
glm::simplex(Vec2(u, v))
```

Where do we plug  
in time?



```
perlin/simplex(Vec3(...))  
perlin/simplex(Vec4(...))
```

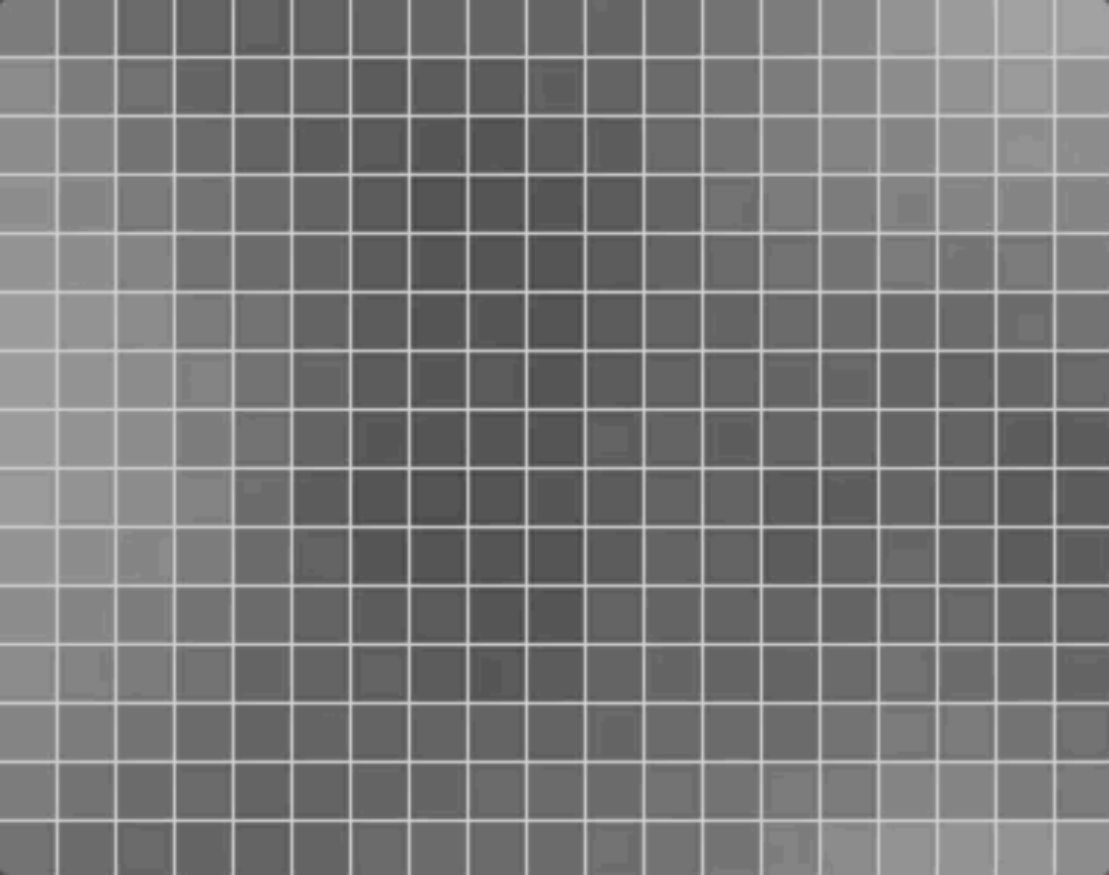
3D+ Noise

***2D noise “slices” + 3rd/4th  
dimension of time!***









# *Animated* Flow Fields??

Where do we plug  
in time?

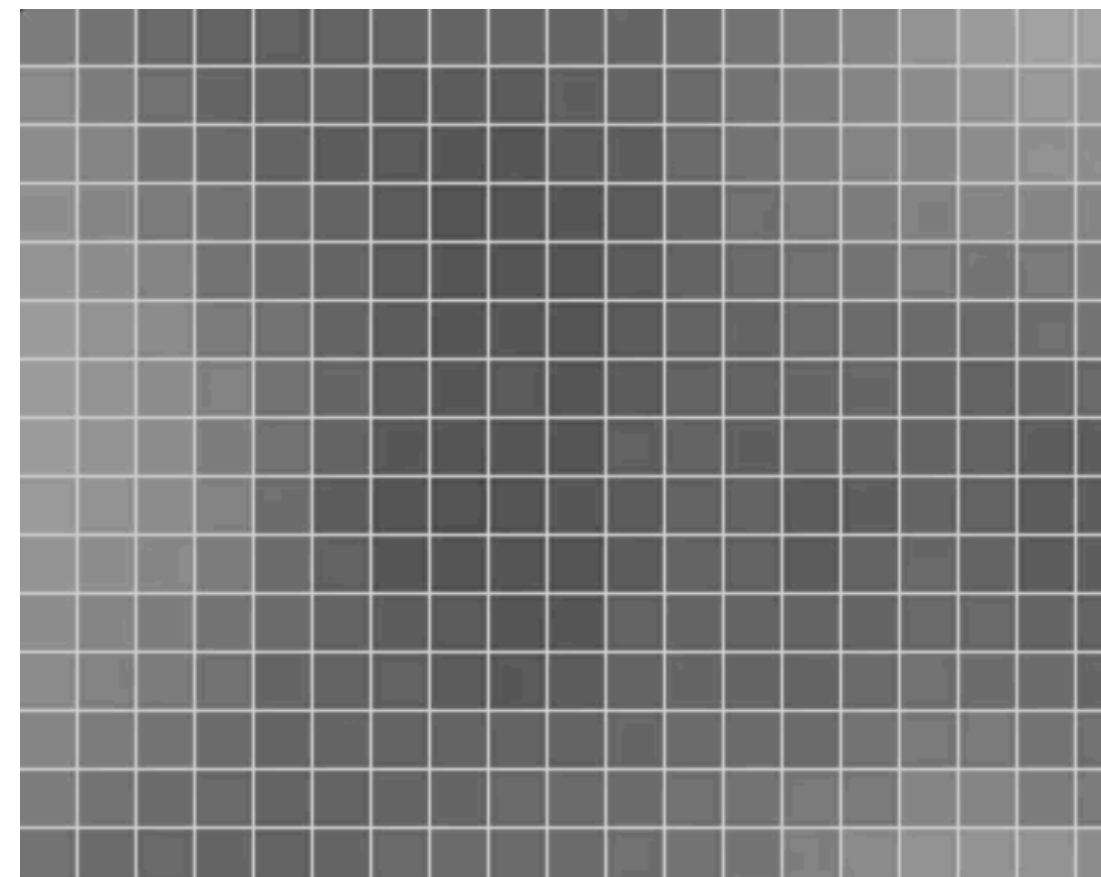
```
glm.simplex(Vec2(u, v))
```



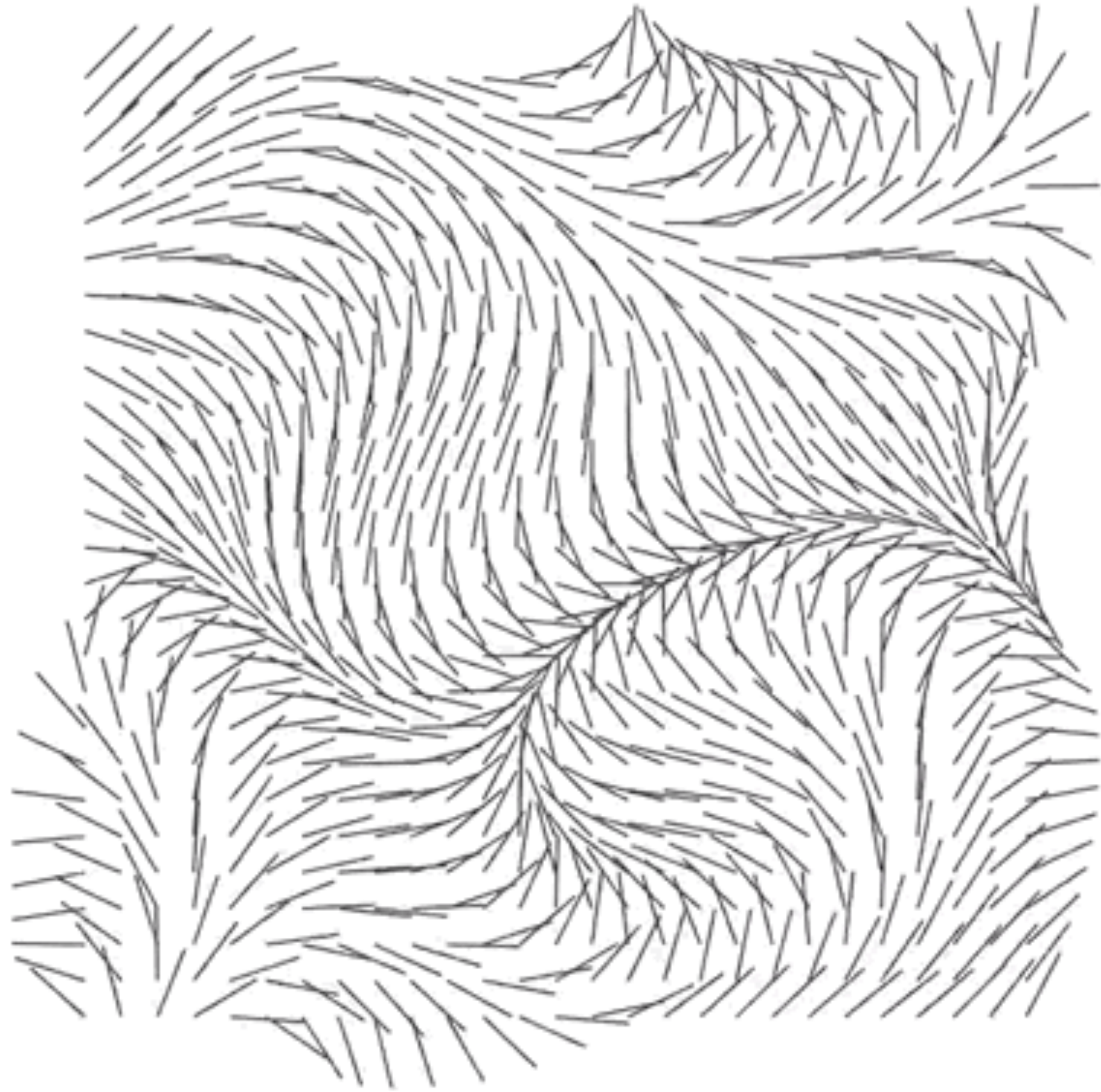
```
perlin/simplex(Vec3(...))  
perlin/simplex(Vec4(...))
```

3D+ Noise

*2D noise “slices” + 3rd/4th  
dimension of time!*



# *Animated* Flow Fields!



```
val radians = glm.simplex(
    Vec4(
        x = u,
        y = v,
        z = 5f * cos(TWO_PI * time / 20f),
        w = 5f * sin(TWO_PI * time / 20f)
    )
) * TWO_PI

val endX = startX + (r * sin(radians))
val endY = startY + (r * cos(radians))
drawLine(
    start = Offset(startX, startY),
    end = Offset(endX, endY),
    ...
)
```