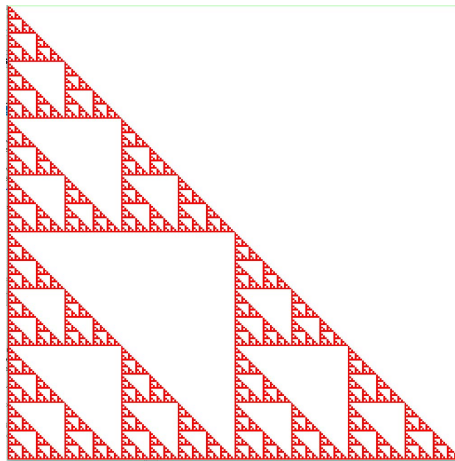


「モデリングとシミュレーション特論」課題（解答例）

2019/7/18

1 Affine Fractals

課題 1 Consider a variety of Sierpinski gasket.



Implement the sets of the parameters $\{r, s, \phi, \psi, e, f\}$ in `Sierpinski2.java`. And confirm that your program generates the target fractal form.

解答例

Source Code 1 `setAffine()` method

```
1 public void setAffine() {  
2     double r = 1./2.;  
3     affine.add(parameters(r,r,0.,0.,0.,0.));  
4     affine.add(parameters(r,r,0.,0.,r,0.));  
5     affine.add(parameters(r,r,0.,0.,0.,r));  
6 }
```