

1152-37-171 **Kiko Kawamura*** (kiko.kawamura@unt.edu), Department of Mathematics, 1155 Union Circle #311430, Denton, TX 76203-5017, and **Andrew Allen**. *Revolving Fractals*.

In 1970, David and Knuth introduced a notation of “revolving sequences” and proved that every non-zero Gaussian integer $m+in$ has exactly four revolving representations. In this talk, we show a close relationship between self-similar sets on the complex plane and revolving sequences. The talk will be presented with many computer graphics, and a few open problems will be introduced as well. (Received September 02, 2019)