

## The success rate of earthquake forecast by observing the dashed line noise.

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There is a time when many dashed line-shaped noises appear in the region of VHF band television. (See Fig.1)

I showed a certain relations between this angle and earthquakes at the society in 2008. (See Fig.2)

As you know, the television can draw one pixel in a short time (about 100nsec), so we can regard it as a measuring instrument of good time resolution. And what is necessary to draw many dashed line-like noises on such TV screen is just to give many periodic pulses to television. For example, if the following conditions are fulfilled, you can draw many dashed-lines of an angle of 90 degrees. (See Fig.3)

$$TN = m * REM$$

$$TH = n * TN + REM$$

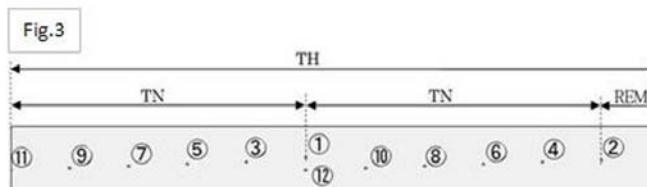
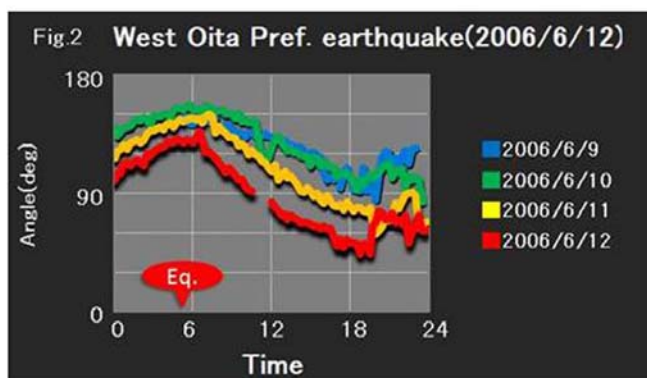
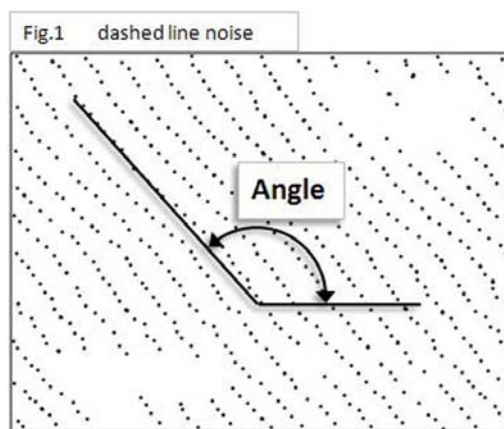
(TN is a noise generation period.)

(TH is a horizontal synchronization period.)

(REM is remainder.)

(n is one or more integers.)

(m is two or more integers.)



Furthermore, We think about the case that point(No.12) is moved only one pixel to the right because the values of TN slightly increased by  $dt$ . In this case, we can calculate that the value of  $dt$  is approximately 10nsec ( $100\text{nsec}/11$ ), so we can understand that an angle change is related to the slight change of the generation period of the noise.

In this presentation, I would like to show the success rate of earthquake forecast by this phenomenon.

Keywords: dashed line noise, short term earthquake prediction, macroanomaly