

ACTIVITY III: Simulated Star Field With “Blinking” Objects

Using the method described in Activity II for turning your computer into a blink comparator, scan the two star fields shown below into two different Word documents. As you flip back and forth between the windows and peruse the images, you should find three different sets of blinking images.

Identify the “stars” that are blinking in both simulated star field photos below. Identify the set of blinking stars that are:

1. Just changing position.
2. Just changing size.
3. Changing size and also changing position.

Which set of blinking stars most likely represents a planet wandering through a field of fixed stars? Explain.

