

11) The location of the acupuncture points

In the article 9 "Binary decomposition around the mandelbrot set" we saw that the acupuncture points are those spots on the M set at which, on corresponding spots on minibrots, secondary decorations join. Now we will have a little look where these spots are situated on the filaments of the main series of buds towards the Elephant Valley and also on the filaments of the sub series of buds towards the Seahorse Valley.

Figure 1, Binary Trunk, drawn with binary decomposition, shows the main elephant trunk emanating from main the 14-armed star in the Elephant Valley. It is clearly denoted that the borderlines that radiate from the filaments, do so from the trunks. Consequently secondary decorations join these spots

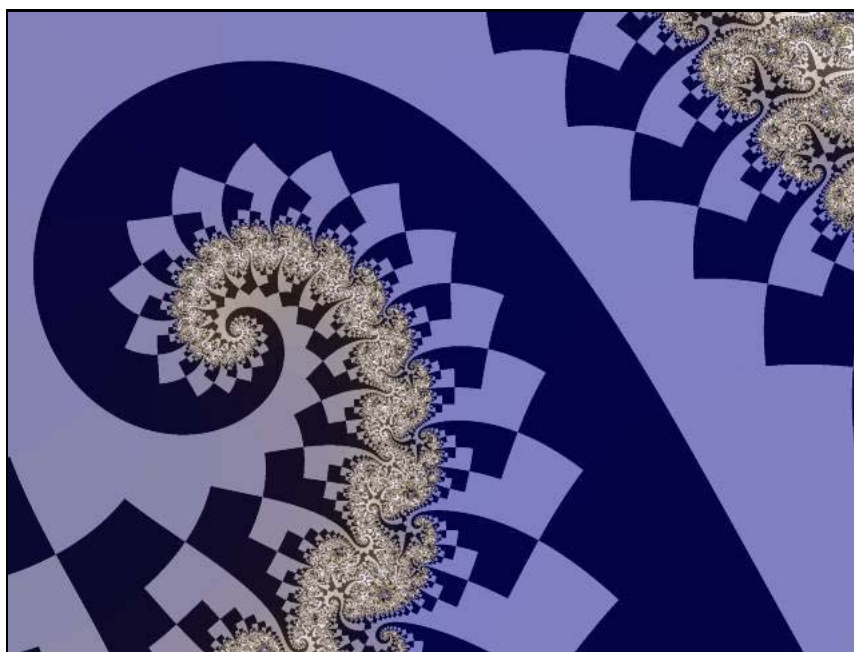


Fig 1. Binary Trunk.

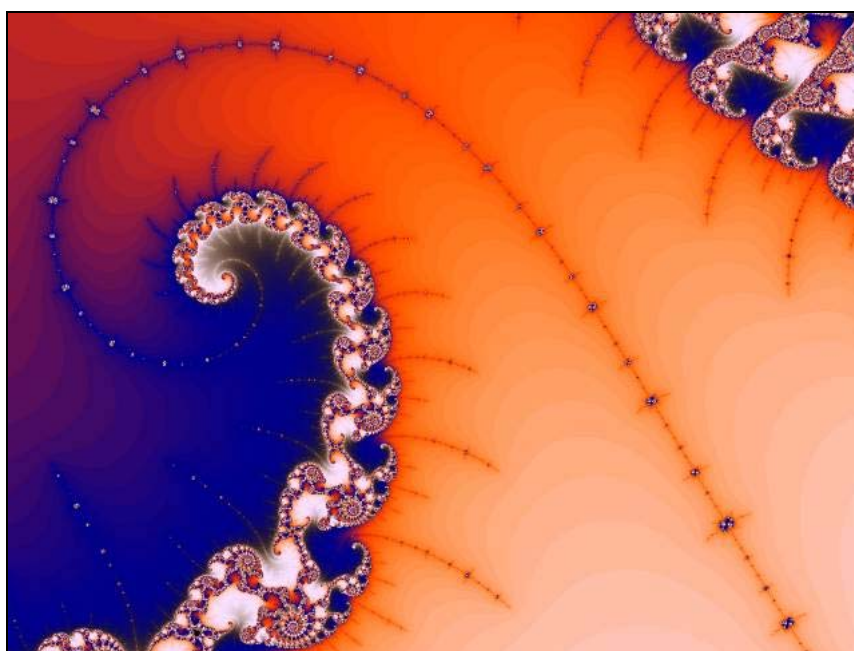


Fig 2. Spiky Trunk.

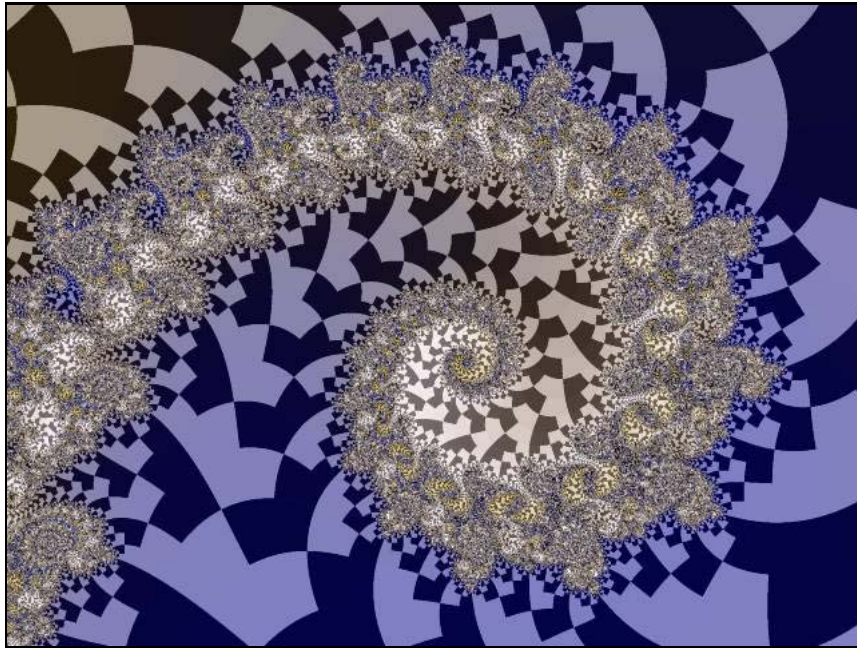


Fig 3. Binary Seahorse Tail.

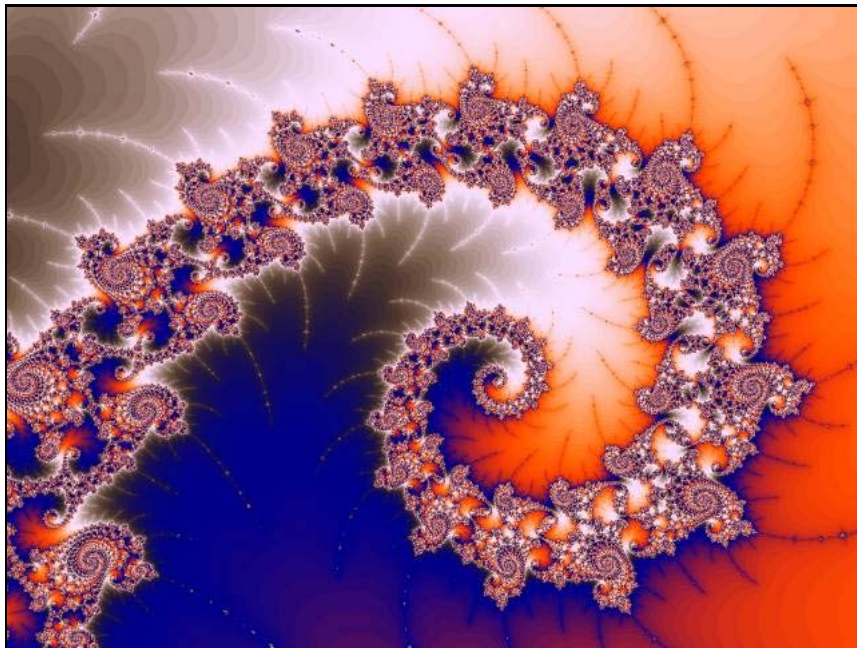


Fig 4. Spiky Seahorse Tail

on corresponding places on minibrots. Figure 2, SpikyTrunk, shows the corresponding area of the biggest minibrot on the spike, where consequently the infinite hierarchy of sub-spikes joins.

Along the cardioid towards the Seahorse Valley the situation is different. Figure 3, Binary Seahorse Tail, shows the main seahorse tail emanating from the main 29-armed-star. Here some of the arms are lengthened to an infinite hierarchy of "extra heads". Here the borderlines that radiate from the filaments don't do it in the tails, but in the hierarchy of those extra heads. Figure 4, Spiky SeahorseTail, shows the corresponding area of the biggest minibrot on the spike. It shows up clearly that the secondary decorations, the sub spikes, join the top of the extra heads instead of the tails.

Regards

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