

Quantification - skeletonization

Original

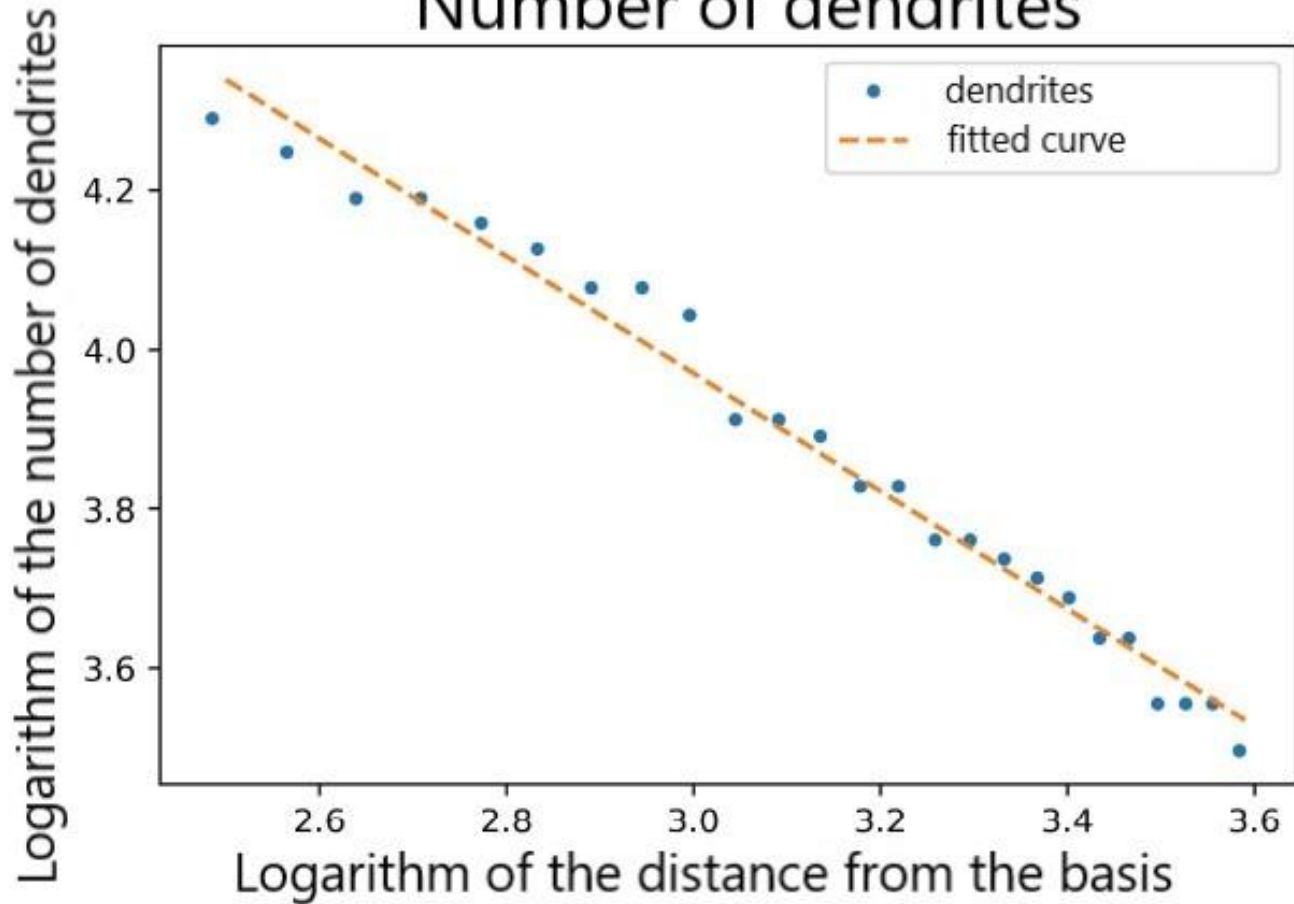


with branches

without branches



Number of dendrites



The power-law dependency indicates the self-similarity of the generated structures and the scale-free nature of their growth process.

Finding the slope of this line and comparing it with a natural example allows deducing the conditions prevailing during the growth process