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1. The first part of the paper discusses the general properties of the system under study. It is shown that the system is characterized by a set of parameters which are independent of the size of the system. This is a surprising result, since one would expect the properties to depend on the size of the system. The reason for this is that the system is self-similar, and the parameters are determined by the geometry of the system.

2. The second part of the paper discusses the specific properties of the system. It is shown that the system exhibits a variety of interesting behaviors, including a phase transition and a critical point. The phase transition is characterized by a change in the order parameter, and the critical point is characterized by a change in the critical exponent. The behavior of the system is determined by the values of the parameters, and the phase diagram shows the regions of different phases.

3. The third part of the paper discusses the implications of the results. It is shown that the results have important implications for the understanding of the system, and they provide a new way of looking at the system. The results also have implications for other systems, and they provide a new way of looking at these systems.

4. The fourth part of the paper discusses the conclusions. It is shown that the system is characterized by a set of parameters which are independent of the size of the system. This is a surprising result, and it provides a new way of looking at the system. The results also have implications for other systems, and they provide a new way of looking at these systems.