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Welcome!**

Thank you for participating in this experiment.  
  
On the following slides you will be presented with a few tests.  
You will find the specific instructions before the test, where you will get the dedicated instructions.  
Please read all the instructions carefully.  
You will have to look at some structures and answer questions according to the instructions you get.  
  
  
The data collected is strictly anonymous. Your anonymously collected data will then be used for analysis for scientific work. With your participation in this study you consent to your data being used for this purpose.  
  
**You can stop the experiment at any time and then no data will be submitted. You don’t have to give any reasons and no adverse consequences will arise for you.**  
  
If you have any questions or concerns, please write an email to: **janlschroede@uni-osnabrueck.de**.  
  
  
If you are interested in our results, you can write an email to the address above, and you will be notified when they are ready.  
  
Enjoy.  
  
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**General Instructions**

On the next two pages you will be shown some questions.  
  
Afterwards you will be presented with two different types of tests.  
You will get the corresponding instructions right before the tests.  
  
  
If possible, please make this window full-screen.  
(e.g. press **(F11)** or **(Fn + F11)**).  
  
Press the same button(s) at the end to exit the full-screen mode again.  
  
  
**Please read all the instructions carefully.**

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**A small introduction into fractals**

Below you can see two visual structures where one represents a "correct" fractal, the other one represents an "incorrect" fractal.

If you look at the **left** picture, you can see that the structure is the same on every level.  
This **is a fractal!**.  
All fractals are build up on a repeating structure. They are self-similar.

If you look at the **right** picture, you can see that the structure on the last level differs from the previous ones.  
Therefore, this one is **not a fractal!**  
  
*An earlier level is represented by bigger symbols and a later level has smaller symbols.*

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**Continuation Task - Instructions**

In this task, you have to look closely at the series of pictures appearing on the screen.  
  
Afterwards the screen will go blank for a short time. You will then be presented with two pictures.  
One of these pictures represents the correct continuation of the series, the other is an incorrect continuation.  
You then have to decide which one is the correct continuation.  
  
To do so you press either the LEFT or the RIGHT button located below the pictures, marked with "correct" and "incorrect", respectively. Respond as quickly and as correctly as possible.  
  
  
First, you can test this task twice.  
Afterwards, there will be another instruction page after which the actual trials begin.  
  
If you feel ready, press the button below.  
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**Key-Press task**

In this task, you have to press either the "G" or the "H" key to complete the task.  
Here, you don't have to press buttons on the screen but keys on your keyboard.  
  
Pressing the-"**G**"-key means the picture is a **fractal**.  
Pressing the-"**H**"-key means the picture is **not a fractal**.  
  
Please use your dominant hand to press the keys (e.g. index and middle finger).  
  
First, you can try this task in a few practice rounds.  
  
If you feel ready, press the button below.

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