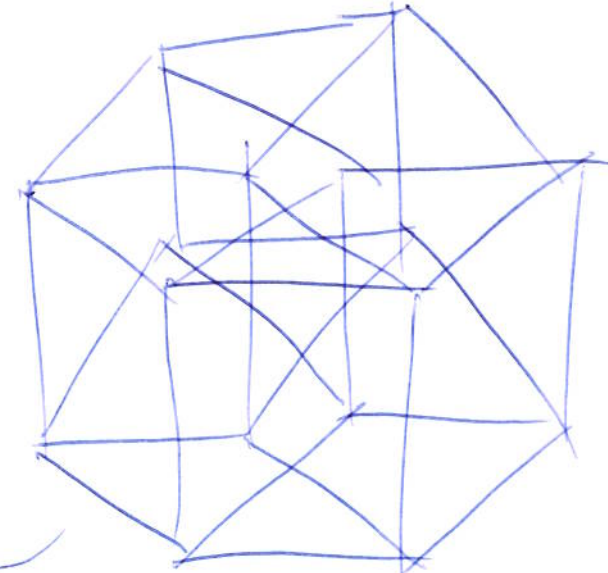


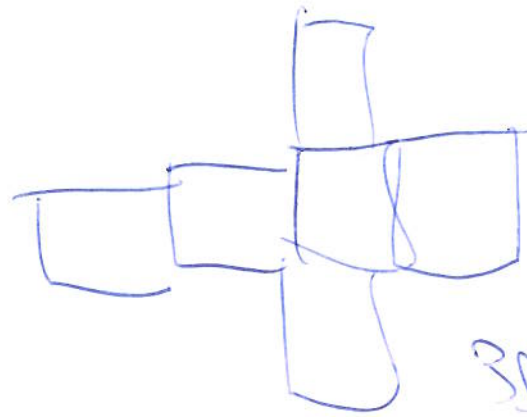
Würfel



Sagde:  
Tesseract

Zusamm. Abbild  
eines vierdim. <sup>Proje.</sup> Würfel

17



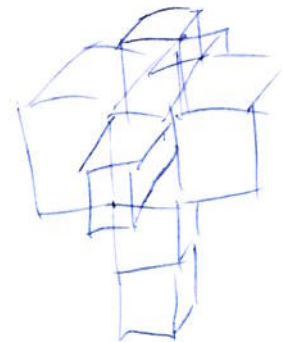
3D-Würfel

6 Teil-2D-Würfel



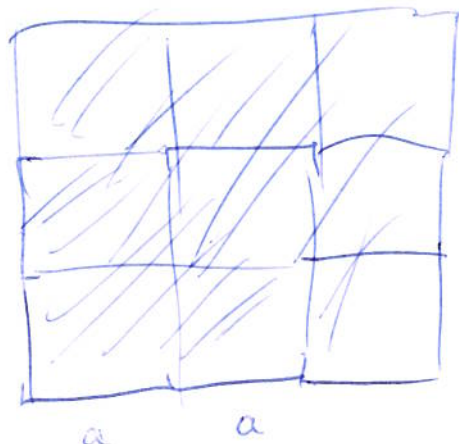
4 Teil-1D-Würfel

4D-Würfel



8 Teil-3D-Würfel

18



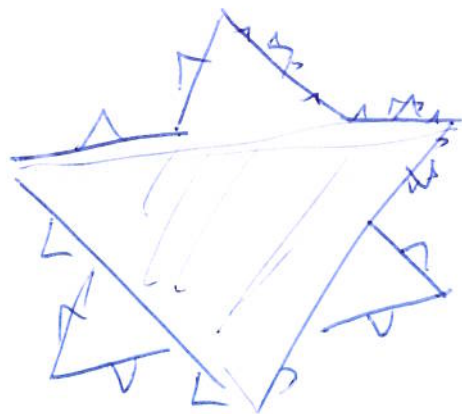
• 3<sup>2</sup> Dim.

Hausdorff Dim.



1,7

• Skalierungsfaktor



fractal Bildserie

Buddhabrot

20

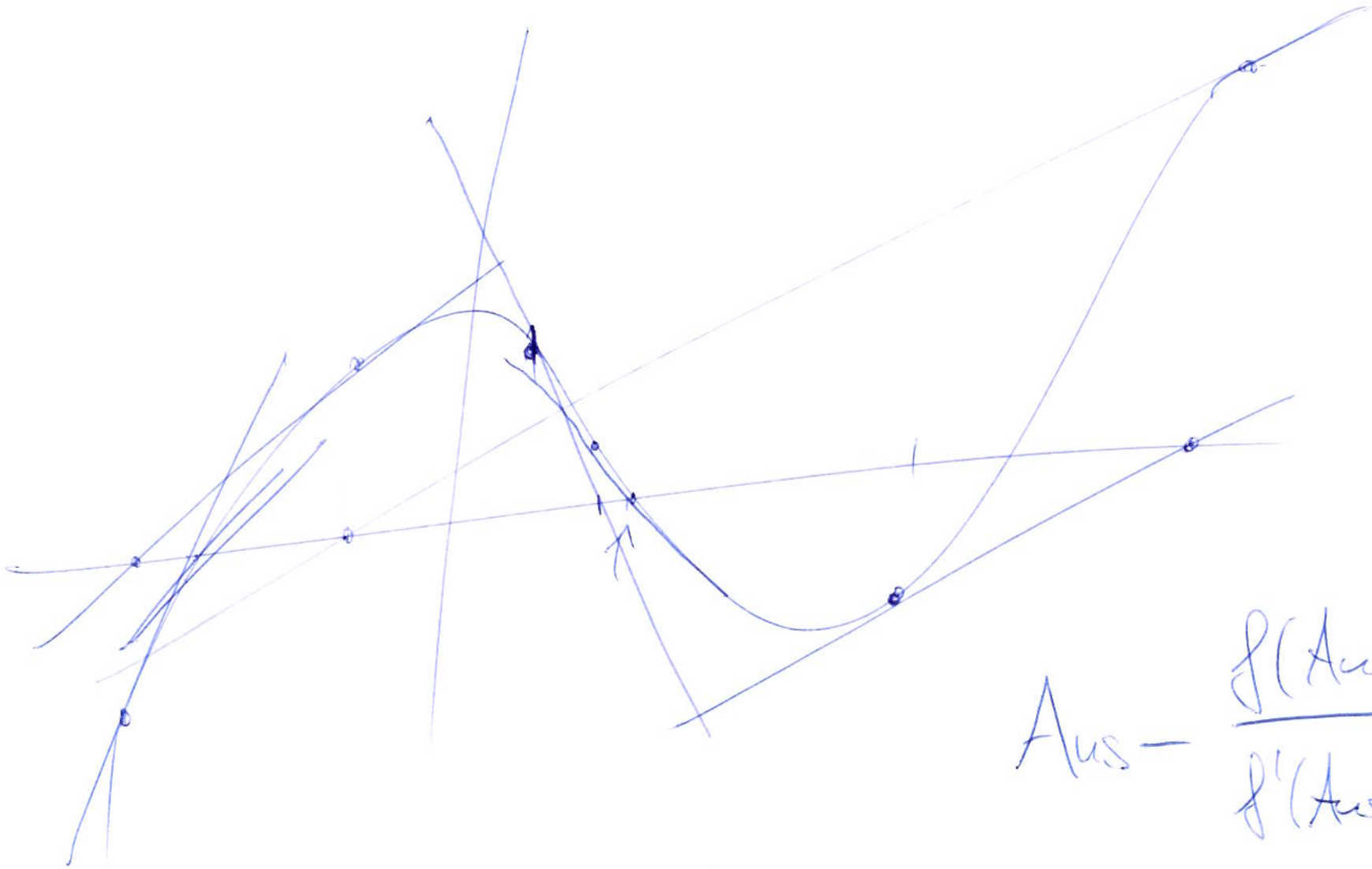
2, 3, 5, 8, 13, 21, ...

$$(\quad)^2 + c$$

... ~~2~~ c

$$(((0^2 + c)^2 + c)^2 + c)^2 + c$$

(21)



$$A_{us} = \frac{f(A_{us})}{f'(A_{us})}$$

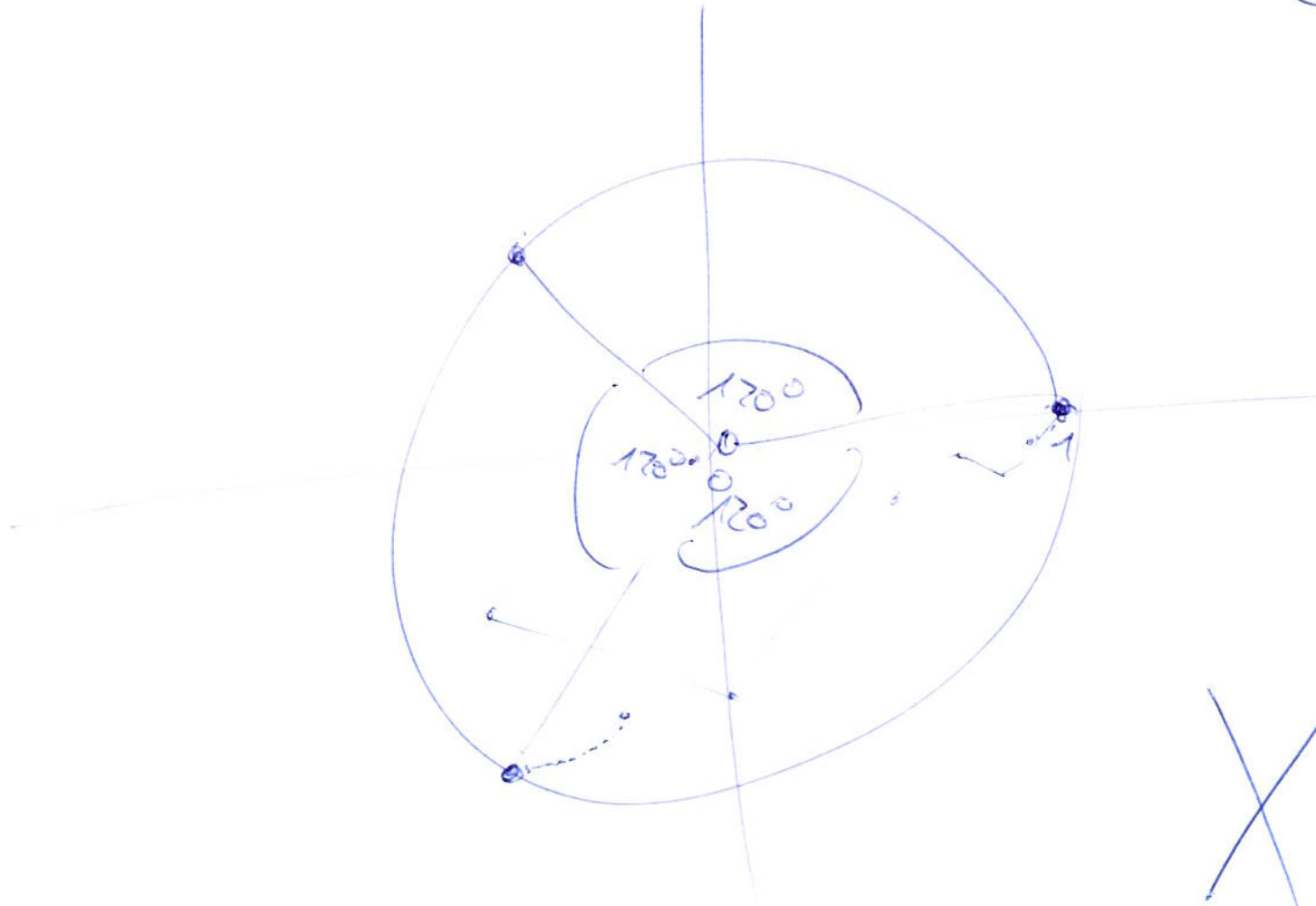
$$x^3 - 3x - 5$$



$$x^3 - 1 = 0$$

22

$\mathbb{C}$



Xaos  
Fractal-Projekte