

GENERATING HALL-OF-MIRRORS EFFECT WITH RECURSIVE LATEX CODE AND IMAGES

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ABSTRACT

This page demonstrates how to achieve a hall-of-mirrors effect with the final rendered page recursively included as an image within the page itself.

PROCEDURE

By including as a graphic the image that the page will be ultimately rendered to (for example, *page.ps*), the LaTeX compiler will recursively generate an included image consisting of all the previously rendered content.

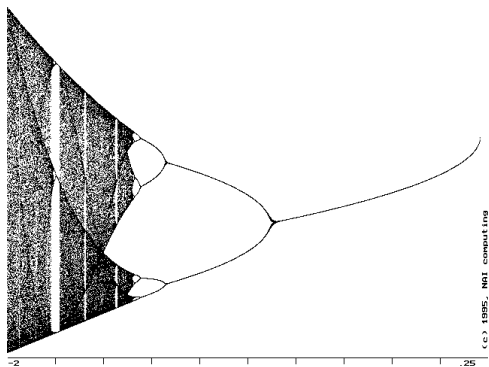


Figure 1: Sample Single Image

This behavior can be harnessed in order to achieve interesting effects; however, care must be given to stop the recursion (by canceling the LaTeX rendering) at an appropriate depth.

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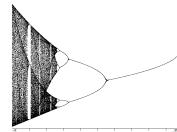


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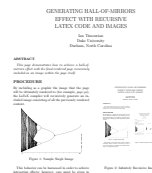


Figure 2: Infinitely Recursive Image