

Math 280: Graph Theory
Instructor: David Zureick-Brown (“DZB”)
GODY’s! (Graph Of The Day)

Last updated: October 6, 2024

Part 1 of the GODY’s is here: <https://dmzb.github.io/teaching/2024Fall280/gody-F24-280.pdf>

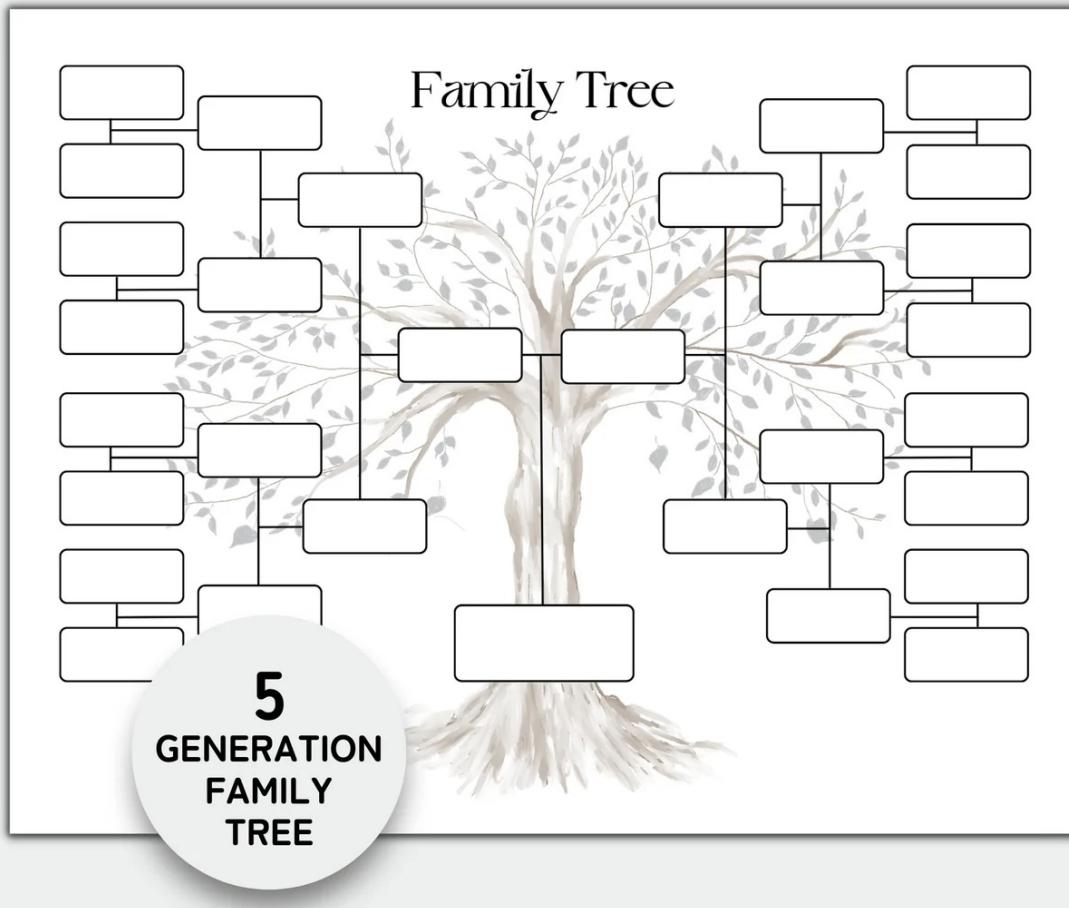
Contents

8 Family tree. Math Geneology. Decision tree. Brackets.	2
9 Every noise at once	11
10 Fundamental group	13
11 Dynamical systems	15

8 Family tree. Math Genealogy. Decision tree. Brackets.

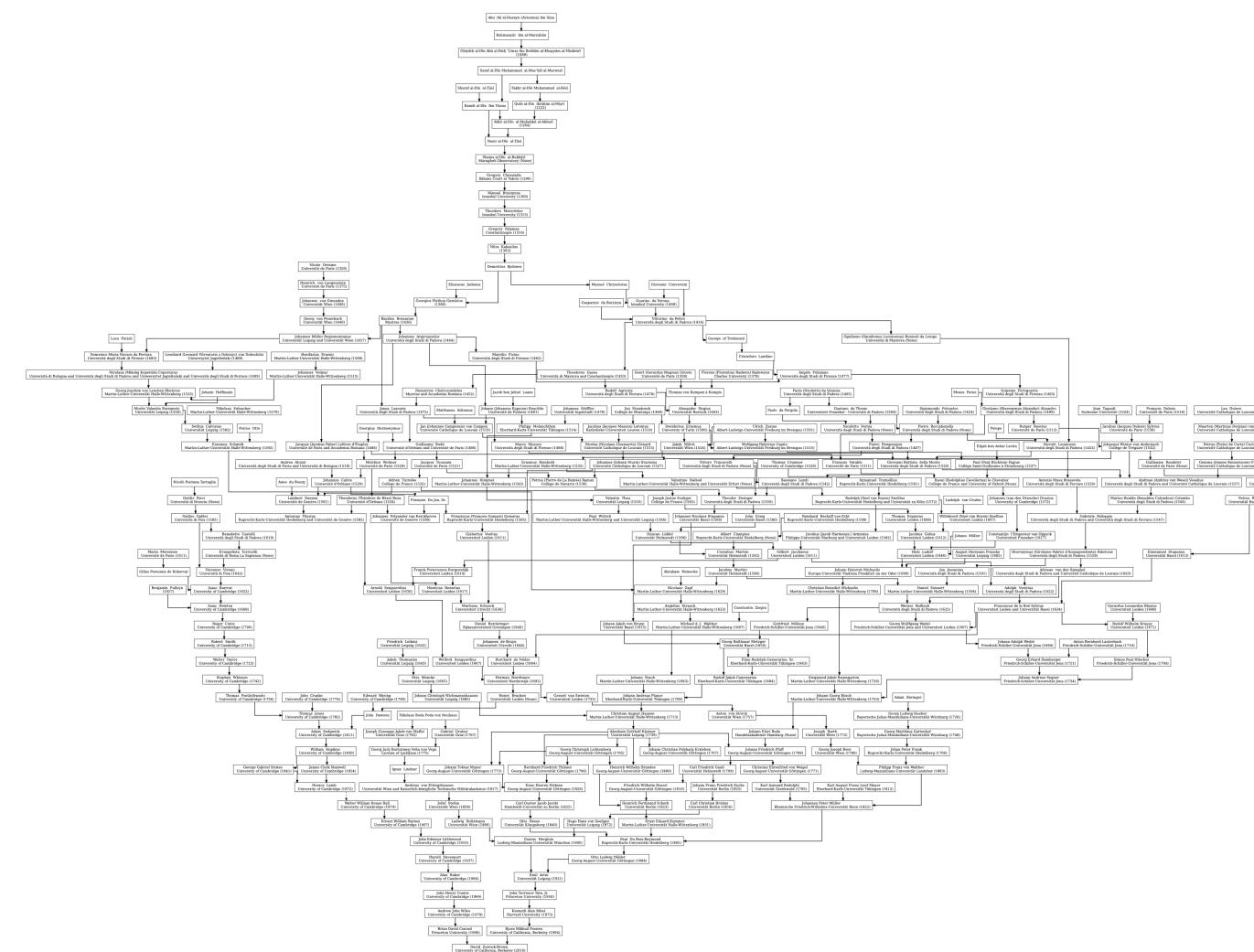
FAMILY TREE TEMPLATE

US LETTER AND A4 | FILLABLE PDF

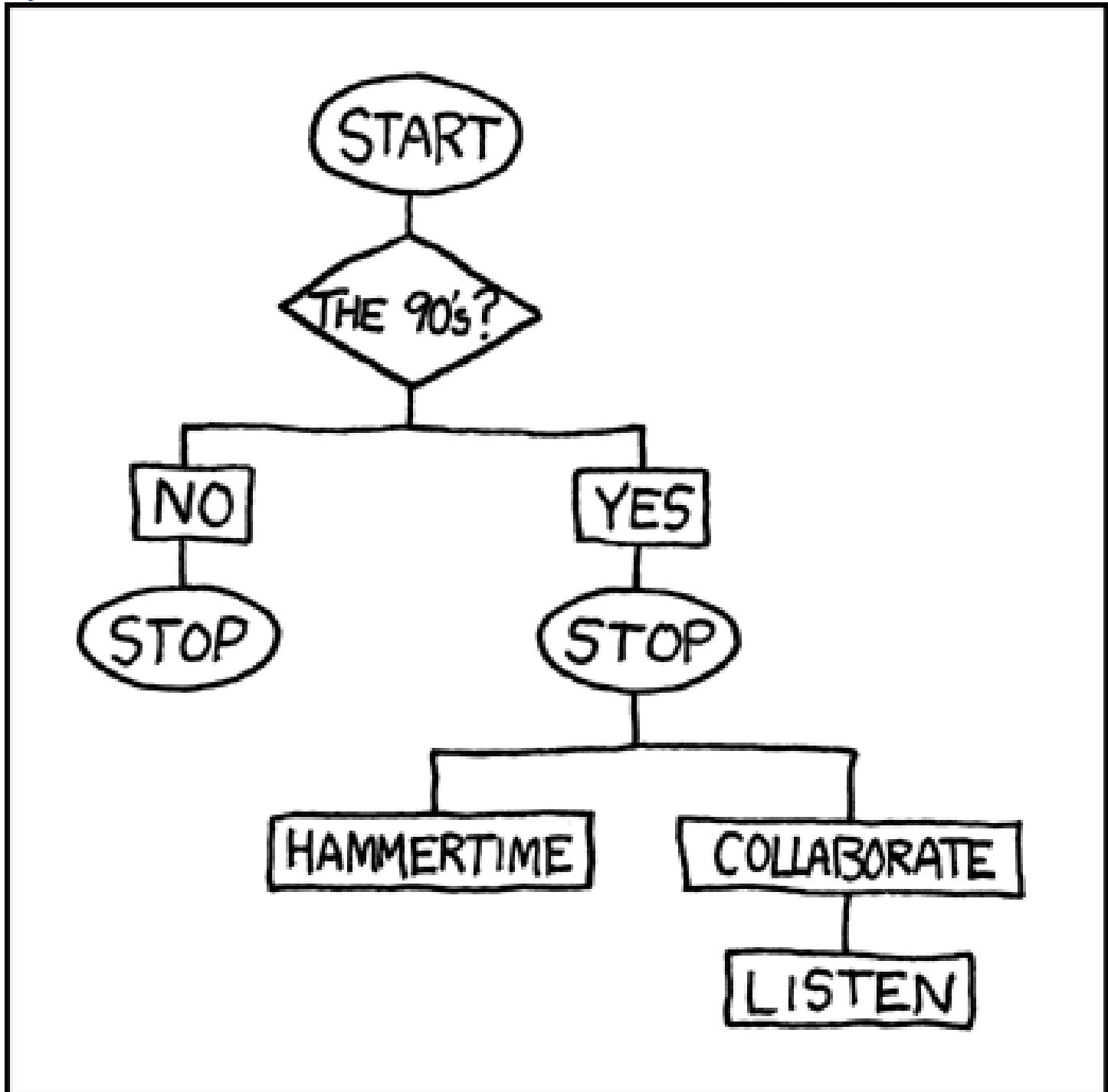


<https://davidlowryduda.com/>

<https://www.mathgenealogy.org/id.php?id=154566>

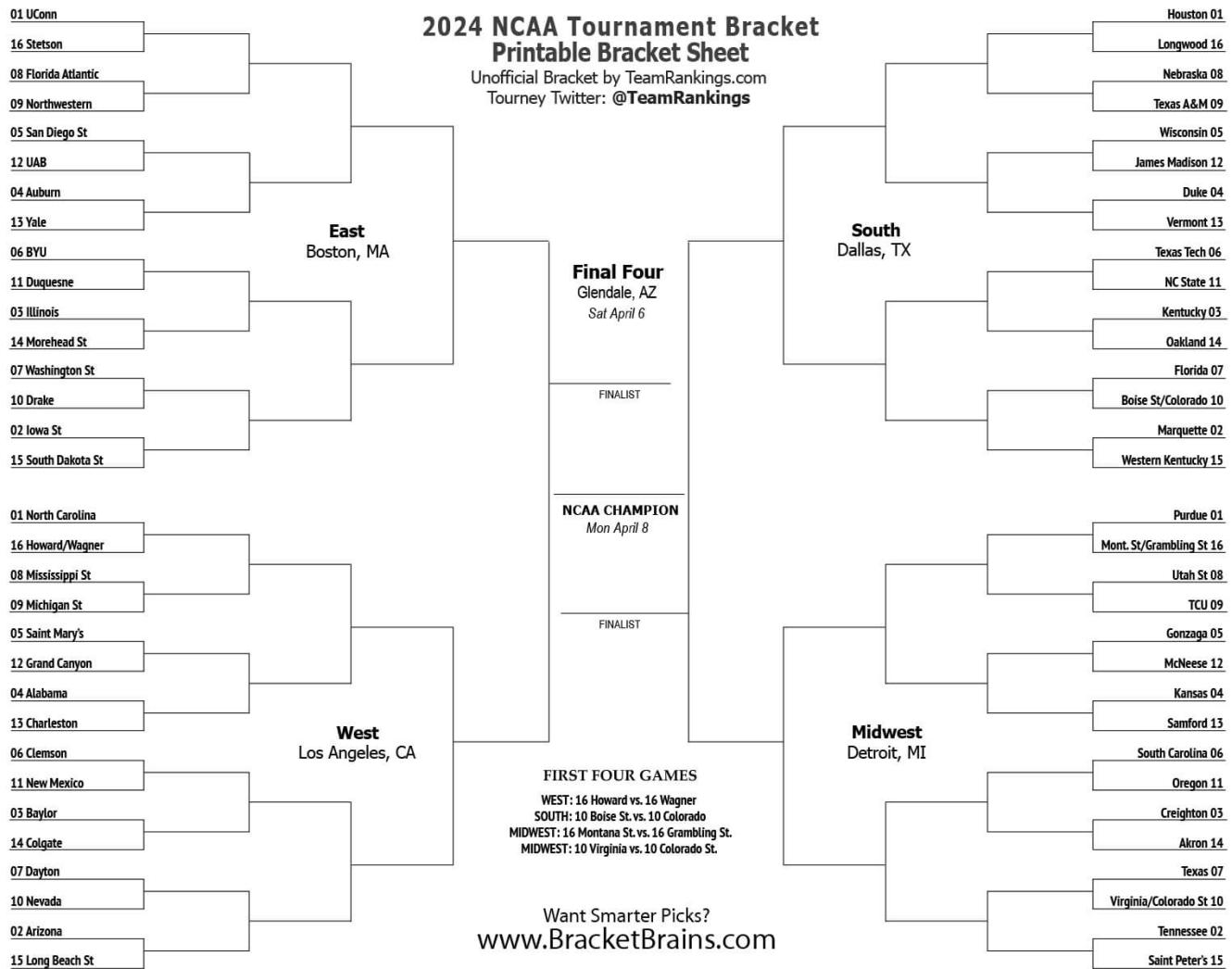


<https://xkcd.com/210/>

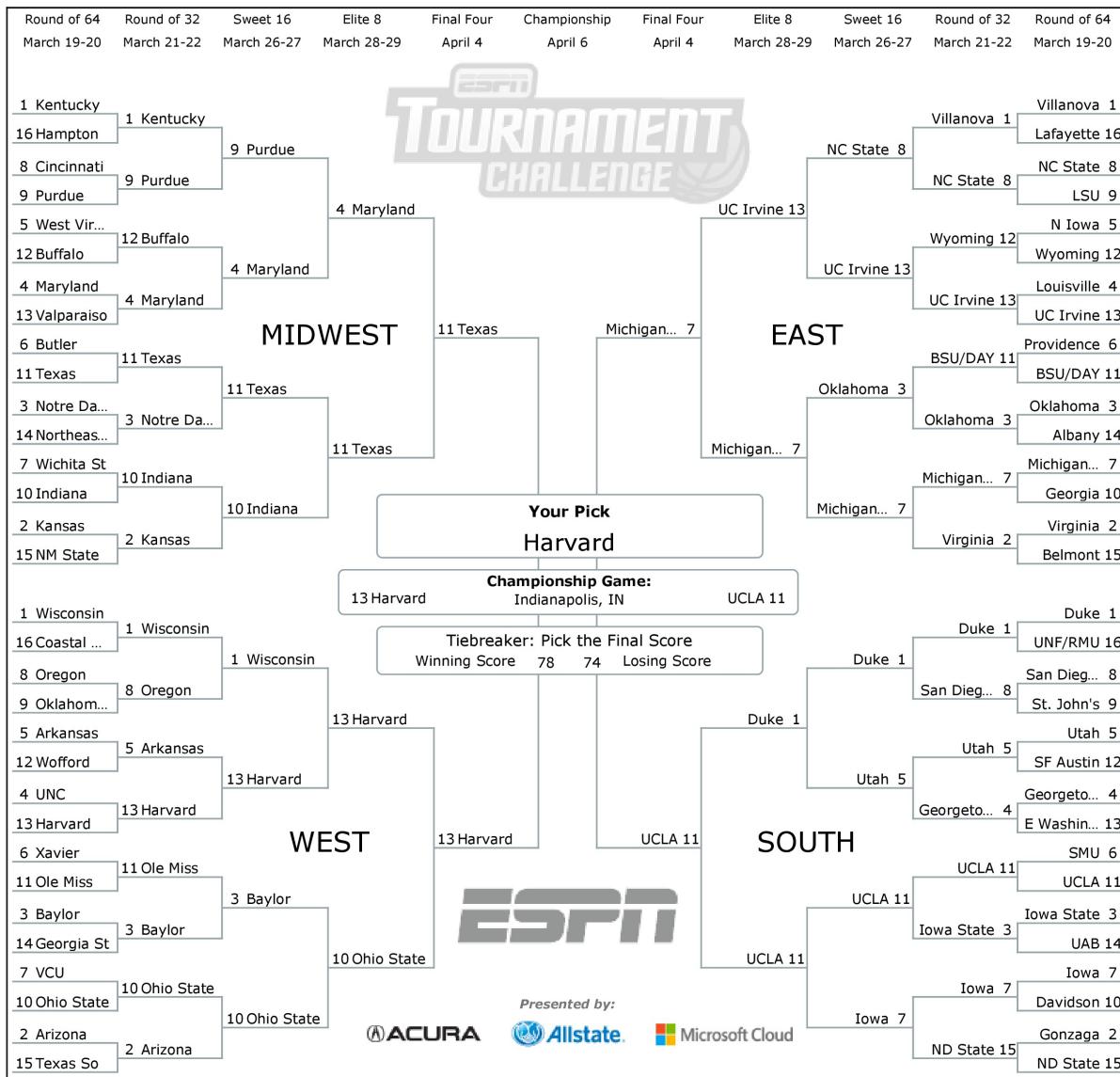


https://www.reddit.com/r/gaming/comments/5k70tt/which_game_should_i_play/





<https://quomodocumque.wordpress.com/tag/math-bracket/>

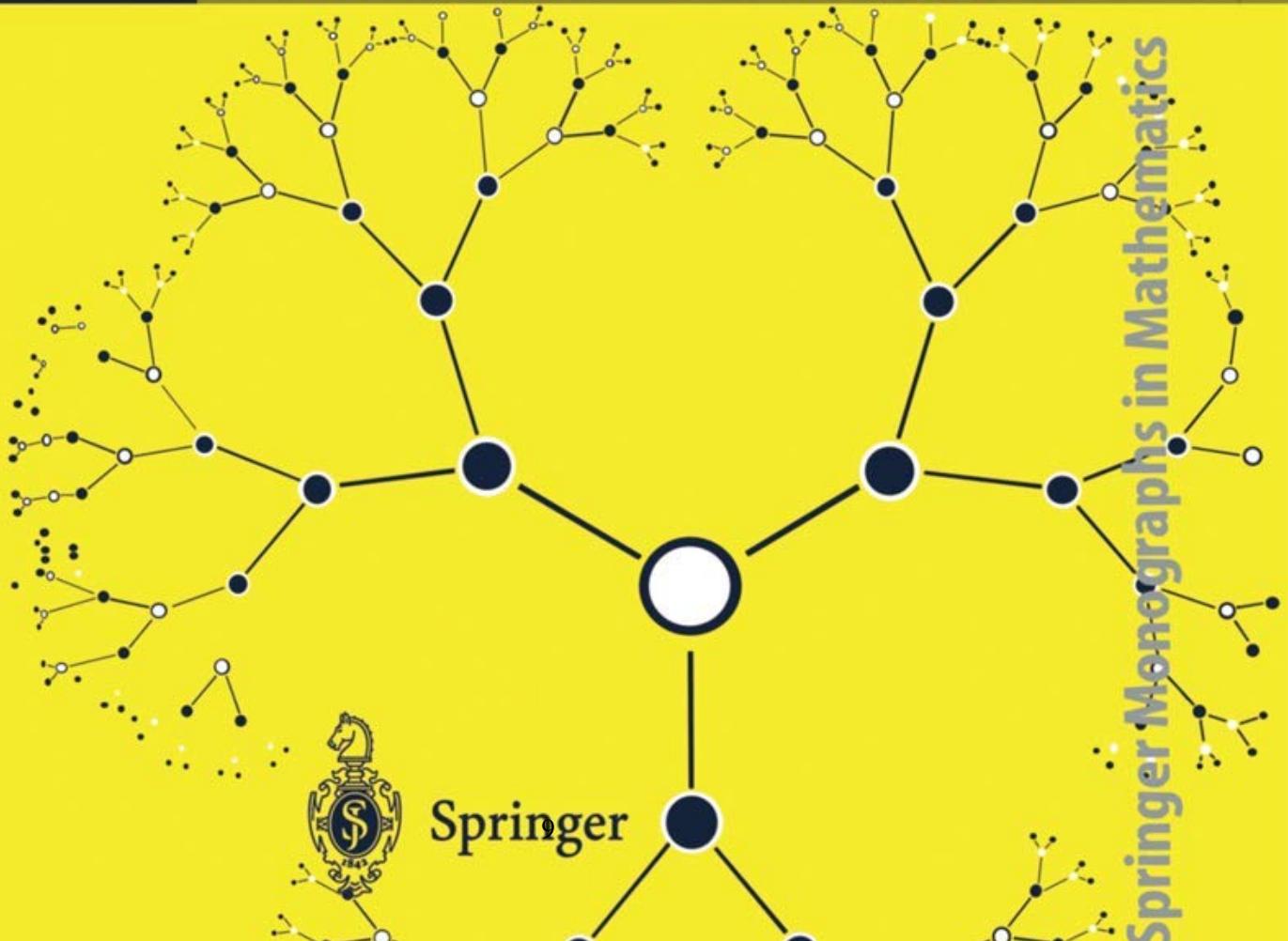


https://en.wikipedia.org/wiki/List_of_individual_trees [https://en.wikipedia.org/wiki/General_Sherman_\(tree\)](https://en.wikipedia.org/wiki/General_Sherman_(tree))



JEAN-PIERRE SERRE

Trees





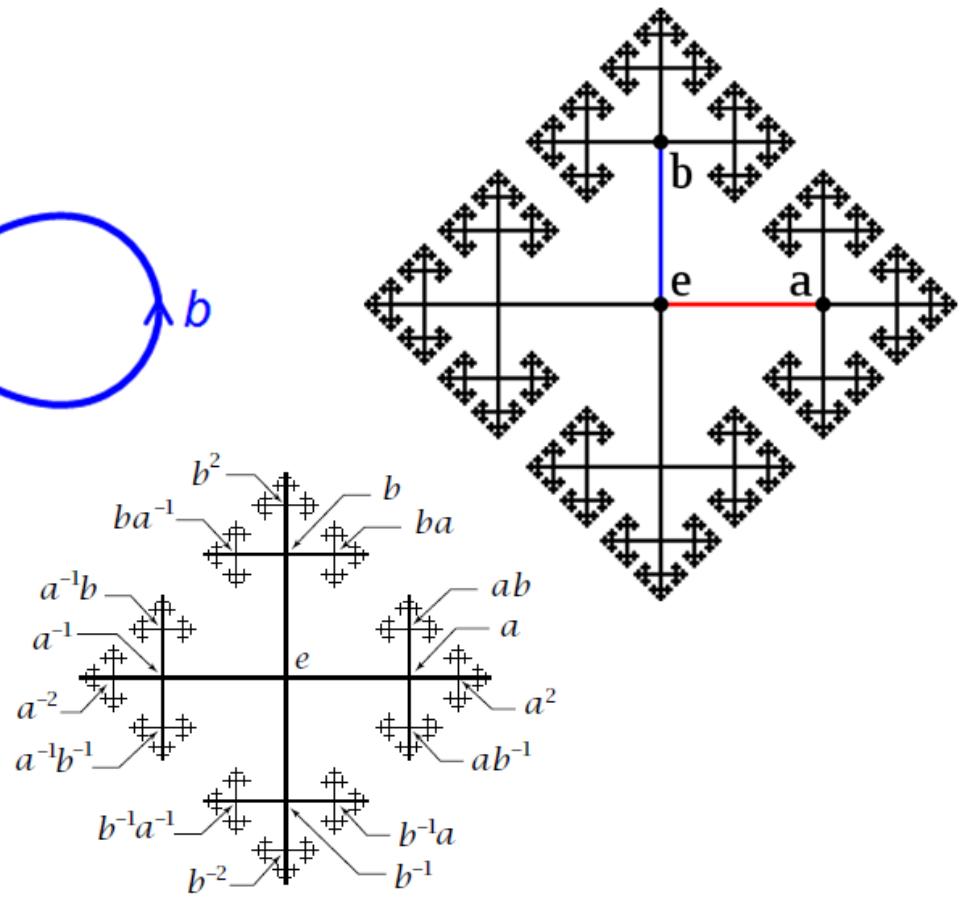
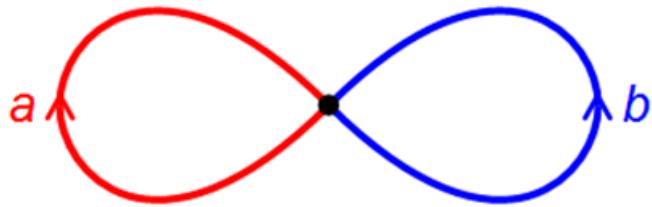
9 Every noise at once

<https://everynoise.com/>



10 Fundamental group

<https://math.stackexchange.com/a/3762676/11236>





11 Dynamical systems

https://en.wikipedia.org/wiki/Mandelbrot_set

<https://math.mit.edu/~poonen/slides/uniformboundedness.pdf>

$c=1$	$c=-1$
$c=1/4$	$c=0$
$c=-2$	$c=-3/4$
$c=-7/4$	$c=-10/9$
$c=-13/9$	$c=-21/16$
$c=-301/144$	$c=-29/16$

