

Diagram illustrating a complex tree structure of string diagrams, likely representing a rewriting theory or a proof of confluence. The diagram is organized into levels, with nodes labeled by sequences of numbers and operations (e.g., ROOT, D U P, B R A W).

Root Node: ROOT -3 -4 5 1 -6 2

Level 1 Branches:

- Left branch: 3 4 5 1 -6 2
- Right branch: 4 1 D U P -3 -2 1 -6 -5 4

Level 2 Branches (from 3 4 5 1 -6 2):

- 3 4 5 1 -6 2
- 3 4 5 6 -1 2
- 3 -2 6 -1 -5 -4

Level 2 Branches (from 4 1 D U P -3 -2 1 -6 -5 4):

- 4 2 D U P -3 -2 -1 -6 -5 4
- 4 7 D U P -3 -2 1 -6 -5 -4

Level 3 Branches (from 3 4 5 6 -1 2):

- 3 4 5 6 -1 2
- 3 4 5 1 2 1 4 D U P -3 -2 1 1 8 D U P -3 -2 1 -6 -5 2 D U P -3 4 5 6 1 2
- 3 -2 -1 -6 -5 4
- 5 6 -1 3 D U P -3 -2 1 -6 -5 3 4 D U P -3 4 5 6 1 2
- 3 7 D U P -3 -2 -1 -6 -5 4

Level 4 Branches (from 3 4 5 1 2 1 4 D U P -3 -2 1 1 8 D U P -3 -2 1 -6 -5 2 D U P -3 4 5 6 1 2):

- 3 4 5 6 -1 2
- 3 4 5 1 2 1 4 D U P -3 -2 1 1 8 D U P -3 -2 1 -6 -5 2 D U P -3 4 5 6 1 2
- 3 -2 -1 -6 -5 4
- 5 6 -1 3 D U P -3 -2 1 -6 -5 3 4 D U P -3 4 5 6 1 2
- 3 7 D U P -3 -2 -1 -6 -5 4

The diagram shows a complex network of string diagrams, each representing a specific configuration of lines and dots, illustrating the relationships between different braidings or configurations in the theory.