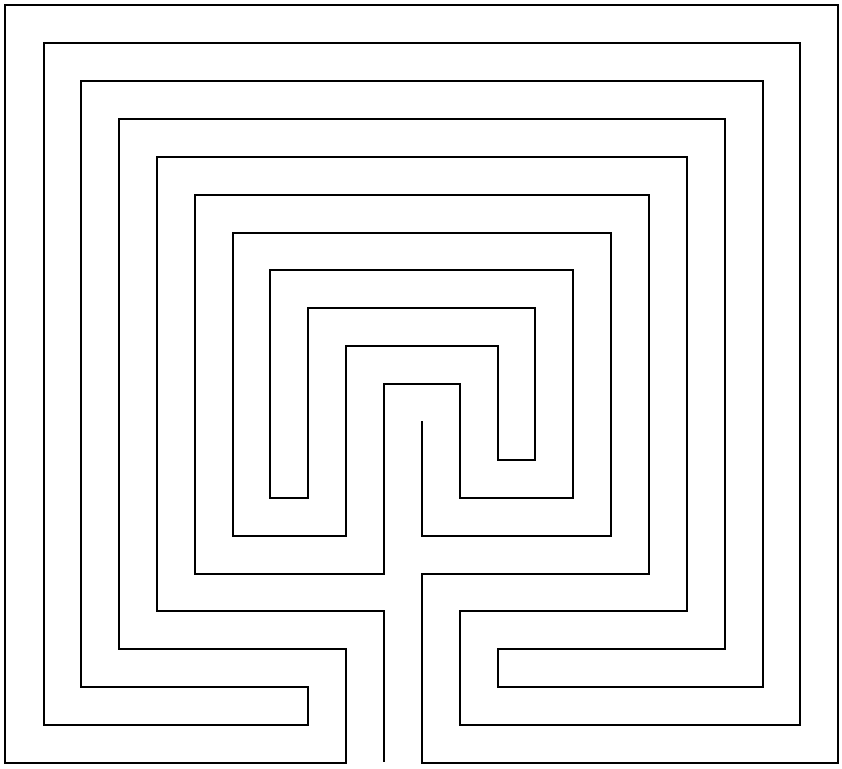
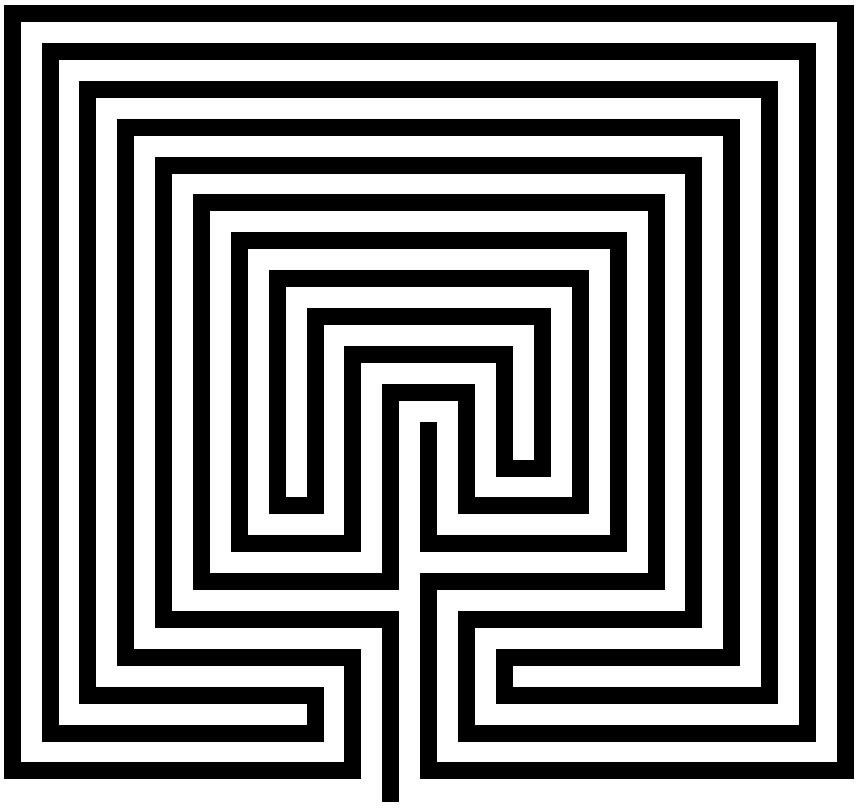
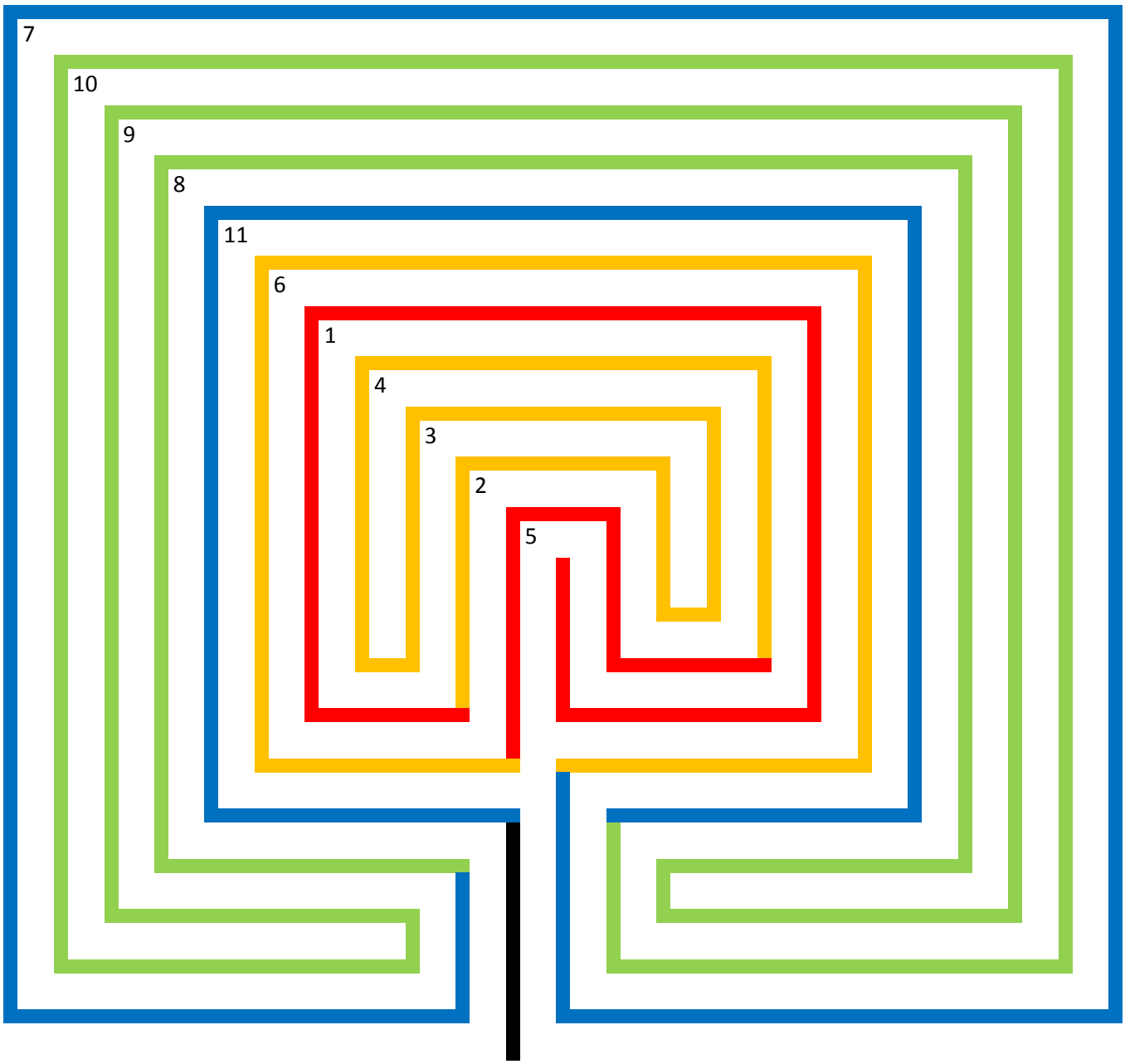
Understanding Ariadne's Dance: The structure of an 11-circuit labyrinth







An 11-circuit labyrinth's structure:
Its path covers an area that can be divided into two strata: an inner "core" (here: red and yellow) and an outer "hull" (blue and green).

Both the core and the hull consist of certain "frame" circuits (those coloured red resp. blue here) that form the skeleton giving stability to the other circuits nested between these. While the "filling" circuits (yellow and green) are neatly packed between the frames in their regular order (inside->out), the "frame" circuits disturb that order and jump to and fro in the labyrinth area. These are the really tricky and critical parts, particularly the giant jump between circuits 6 and 7.