

Dyck paths forming the boundaries of symmetric representations of $\sigma(n)$. Each path is colored showing the color of the earliest path sharing a segment. The sequence $a(n)$ gives the count of colors of positive extent in the n -th path. Note that the path starting at $(0, 5)$ is $a(6)$ since the first path $a(1)$ is the point at $(0, 0)$ which has zero colors of positive extent.

