This point z_{1234} is one of the points of the curve determined by (z_1, z_2, z_3, z_4). To get the remaining points of that curve, repeat the same construction on $(z_1, z_{12}, z_{123}, z_{1234})$ and on $(z_{1234}, z_{234}, z_{34}, z_4)$, ad infinitum:

The process converges quickly, and the preliminary scaffolding (which appears above the limiting curve in our example) is ultimately discarded. The limiting curve has the following important properties:

- It begins at z_1, heading in the direction from z_1 to z_2.
- It ends at z_4, heading in the direction from z_3 to z_4.
- It stays entirely within the so-called convex hull of z_1, z_2, z_3, and z_4; i.e., all points of the curve lie "between" the defining points.