

A088354

Triangle stacks are constructed from two type of triangle, up-triangles (shown in green below) and down-triangles (shown in yellow below). A triangle stack of large Schröder type has a bottom row of contiguous down-triangles. To construct the next row of the stack, up-triangles are placed on some or all of the base down-triangles and in the gaps between pairs of adjacent up-triangles further down-triangles may be placed. Higher rows of the stack are constructed in the same manner.

Figure 1. $a(3) = 10$: the 10 triangle stacks of large Schröder type containing 3 down-triangles are shown below

