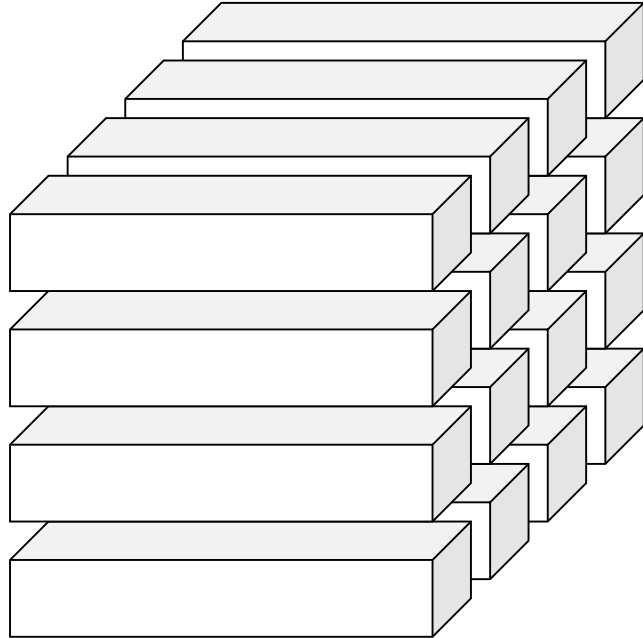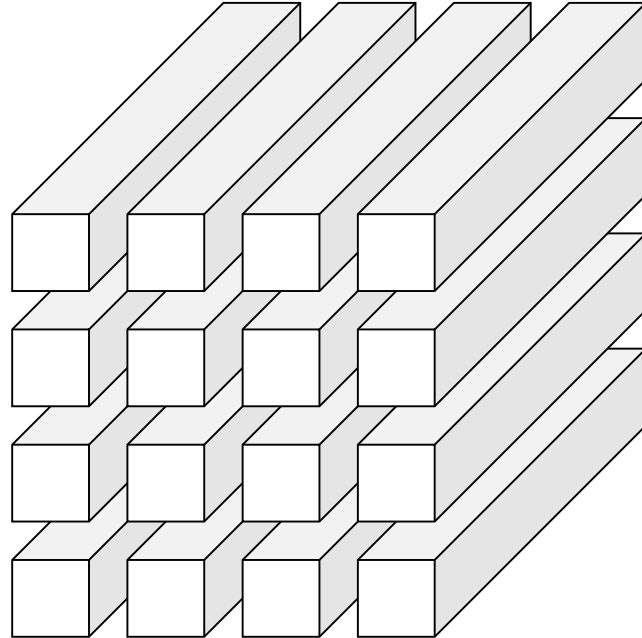Mode-1 (Columns)   Mode-2 (Rows)   Mode-3 (Tubes)