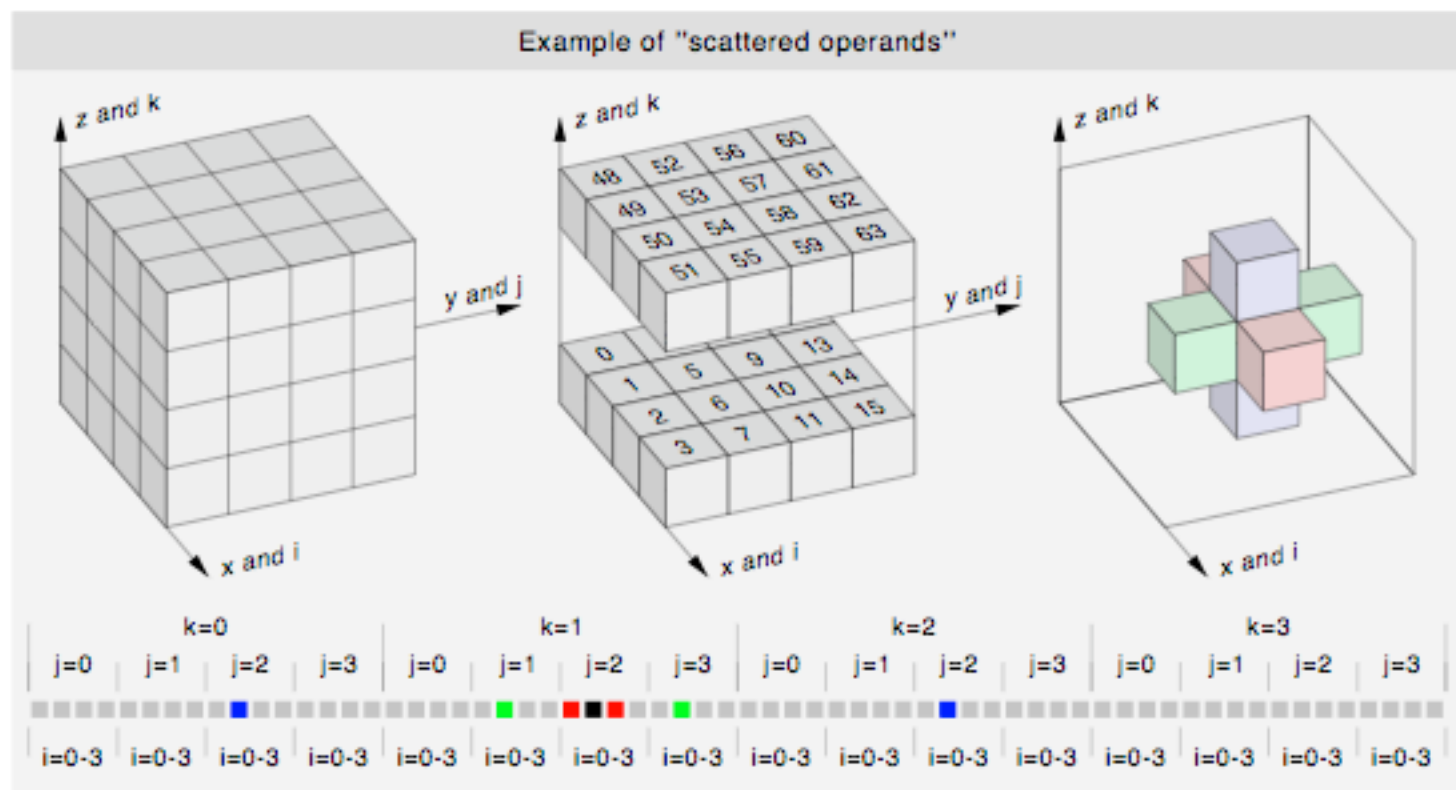


In many-many cases we can not process things strictly sequentially. For example, the physics of the problem may dictate that we calculate a variable's new value at a point in three-dimensional space as the weighted average of its old values at its west-east-south-north-down-up surrounding points:



Of these seven elements of the  $r(i,j,k)$  matrix only three form an unbroken sequence in memory. Imagine