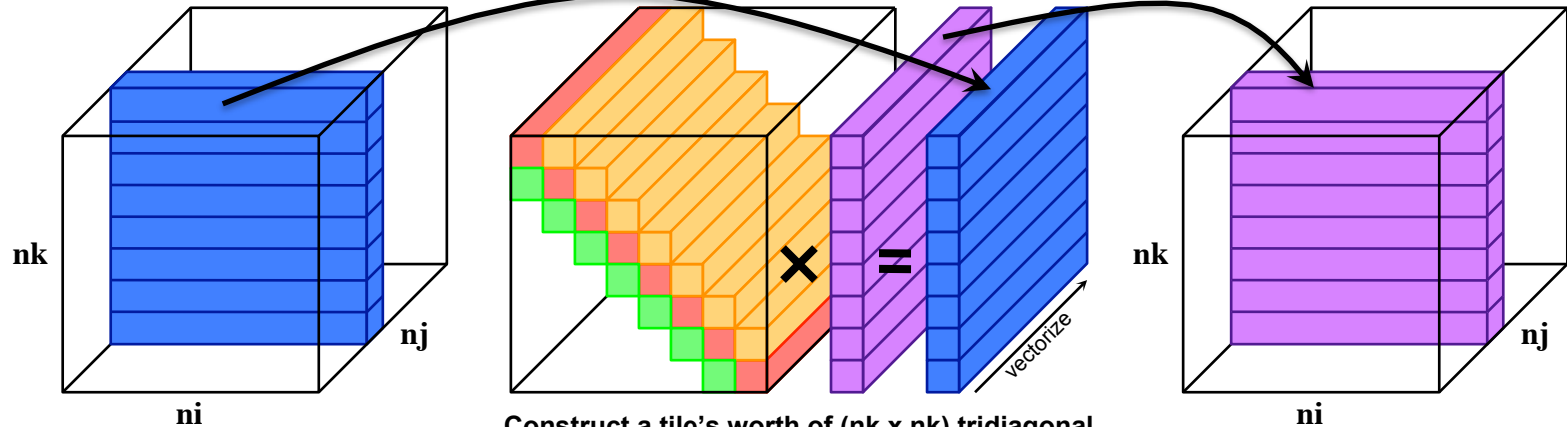


extract a tile of columns from the grid

insert the tile of columns back into grid



Construct a tile's worth of $(n_k \times n_k)$ tridiagonal matrices and solve simultaneously (vectorized).