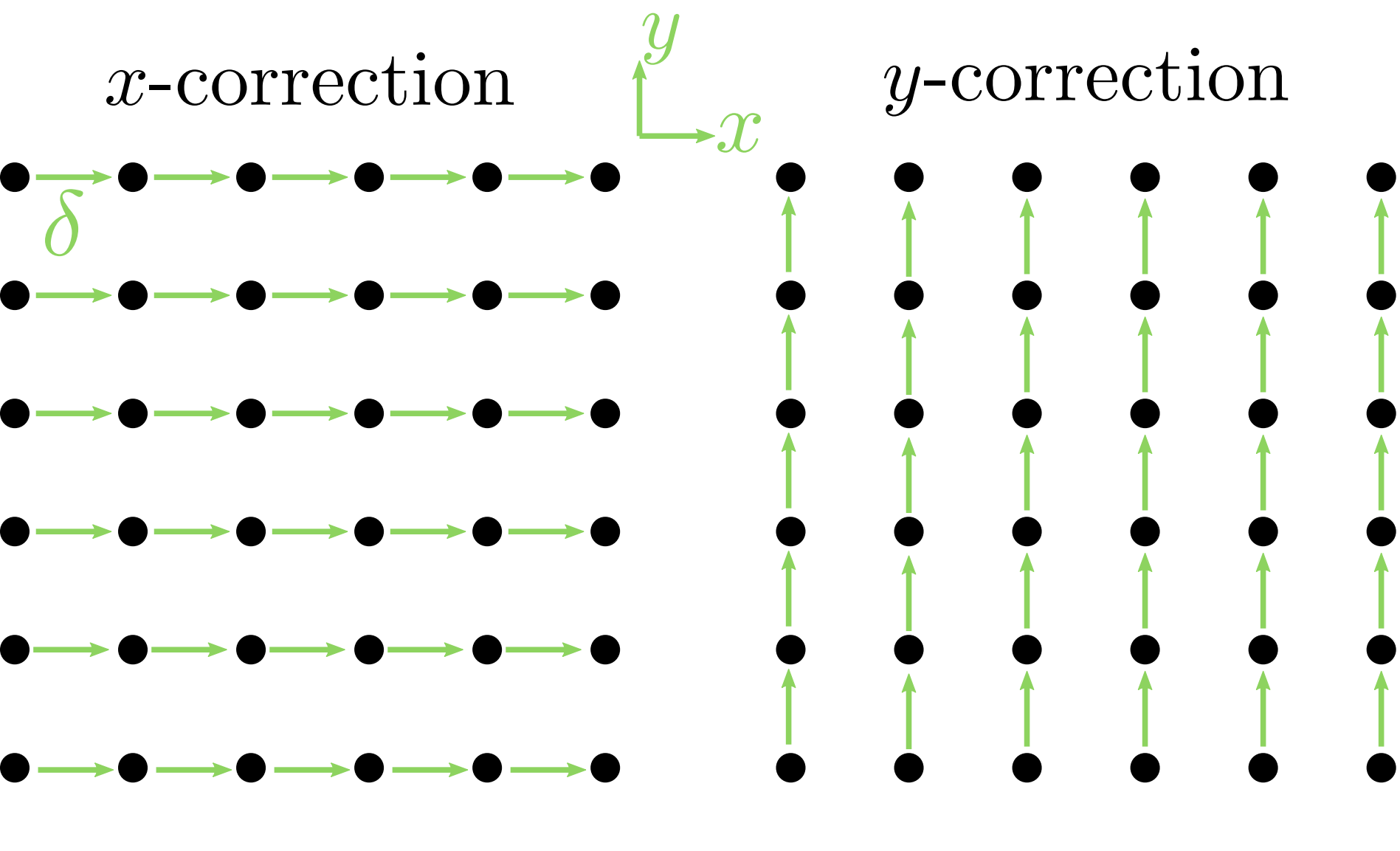
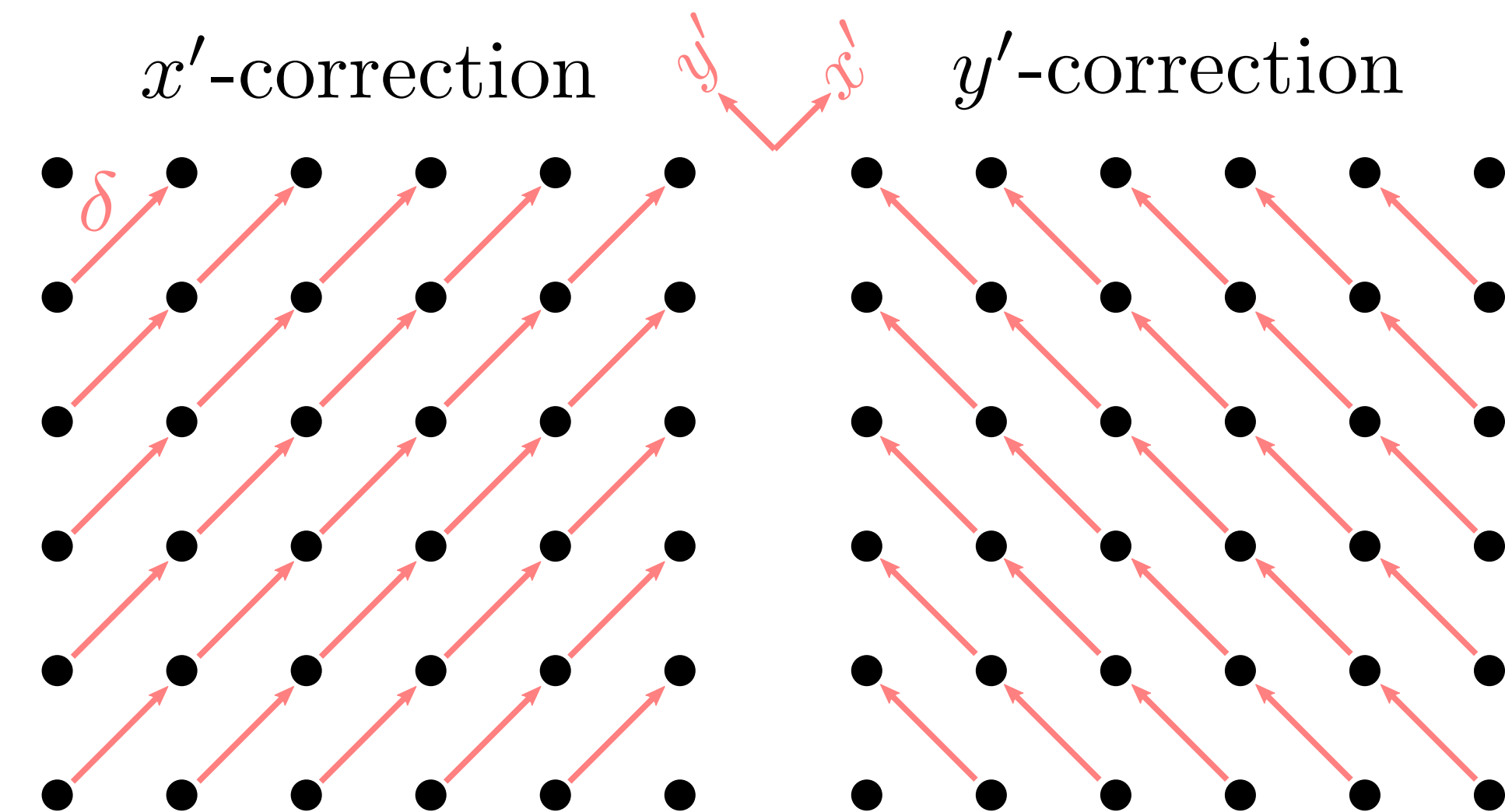


(a)  $xy$ -SHARP(b)  $x'y'$ -SHARP(c) Arrangement for 1D CAO in  $x'y'$ -SHARP