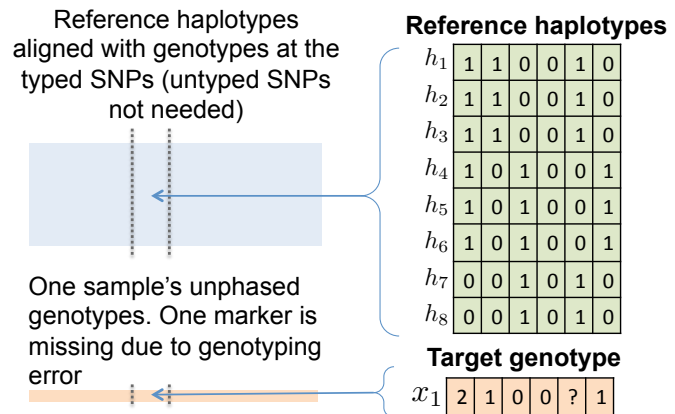
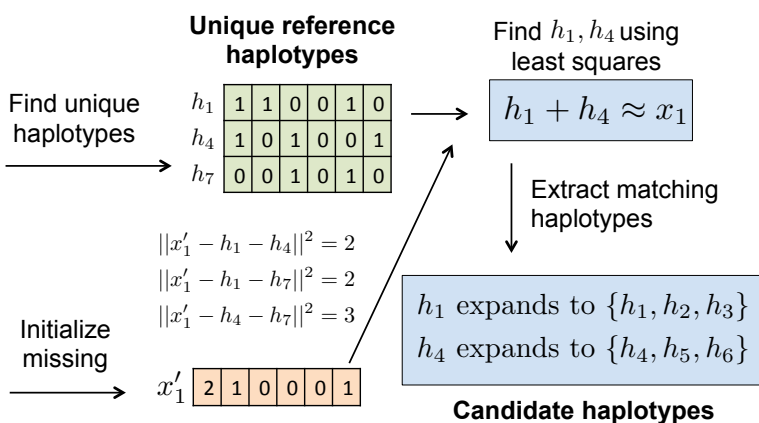


## (a) Examine window of typed SNPs

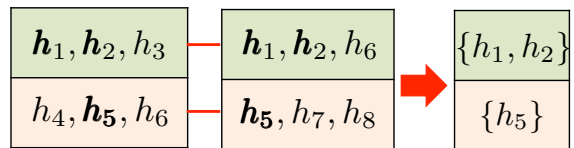


## (b) Find optimal haplotype pairs in each window

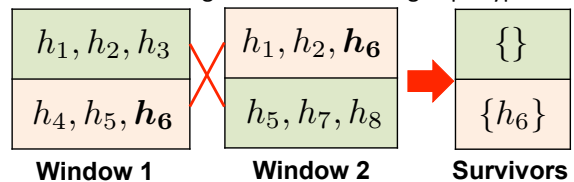


## (c) Connect neighbors in 1 of 2 ways

Parallel connection generates 3 surviving haplotypes:

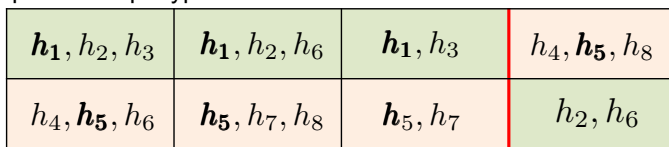


A switch at window 2 generates 1 surviving haplotype:



## (d) Stitch window-by-window from left to right

Unphased haplotypes



Phased haplotypes

