compareThresholds (new, old)

if (new is left of old)

then compareThresholdsLeft (new, old)

else if (new is left of old)

then compareThresholdsLeft (old, new)

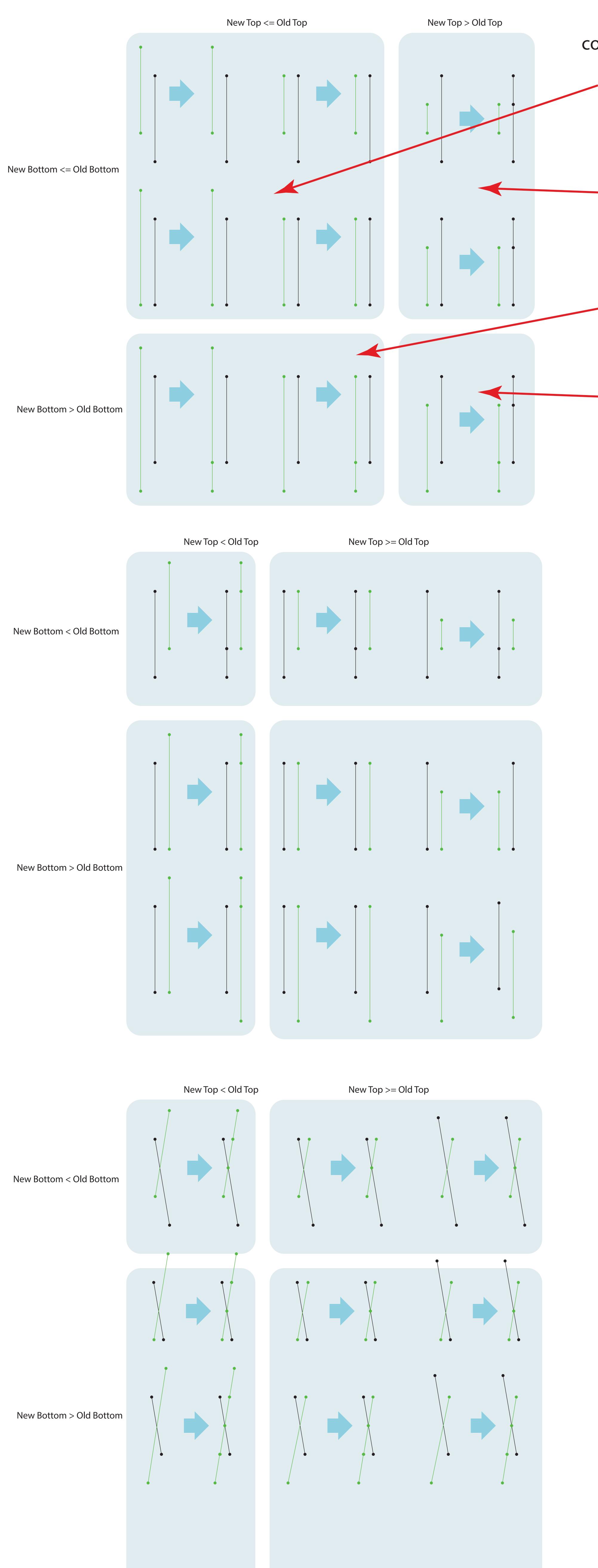
else find intersection

crop old bottom

reinsert bottom cropped new

reinsert top cropped old

reinsert top cropped new



compareThresholdsLeft (new, old)
 if (new.top <= old.top) && (new.bottom <= old.bottom)
 then insert new above old</pre>

if (new.top > old.top) && (new.bottom <= old.bottom)
then crop old bottom
insert new below bottom</pre>

if (new.top <= old.top) && (new.bottom > old.bottom)
then insert cropped-bottom new above old
reinsert cropped-top new

if (new.top > old.top) && (new.bottom > old.bottom) then crop old bottom

insert cropped-bottom new reinsert cropped-top old reinsert cropped-top new

reinsert top-cropped old