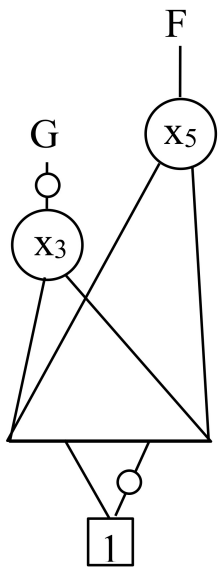
3. Let F, G be two BDD nodes, where G has the smaller (i.e. lower) top variable index than F. In addition, G has complemented edge while F has not (as shown below). Let R = ITE(F, 0, G). Please use the rules in the lecture notes to standardize this ITE call for the entry of the computed cache.



1. Identical rules : pass
2. Symmetrical rules : $ITE(F, 0, G) = ITE(\overline{G}, 0, \overline{F})$
3. Complement edge rules : pass

(∵ G has complement edge,
$\overline{G}$ has no complement edge.)