

1. g5 stuck at 0 is detectable

Take (a,b,c,d,e,f) = (1,1,0,X,1,1)

$g_2=1, g_3=1, g_5=1/0(\text{fault activated}), g_6=1, g_7=1, g_8=1, g_9=1/0=0$

At this case, Boolean difference = $g_8 \& f = 1$

2. 因為 g5 s.a. fault is testable, 所以 g5 不是 redundant

3. 綜合前面兩點, Boolean difference is not constant '0'