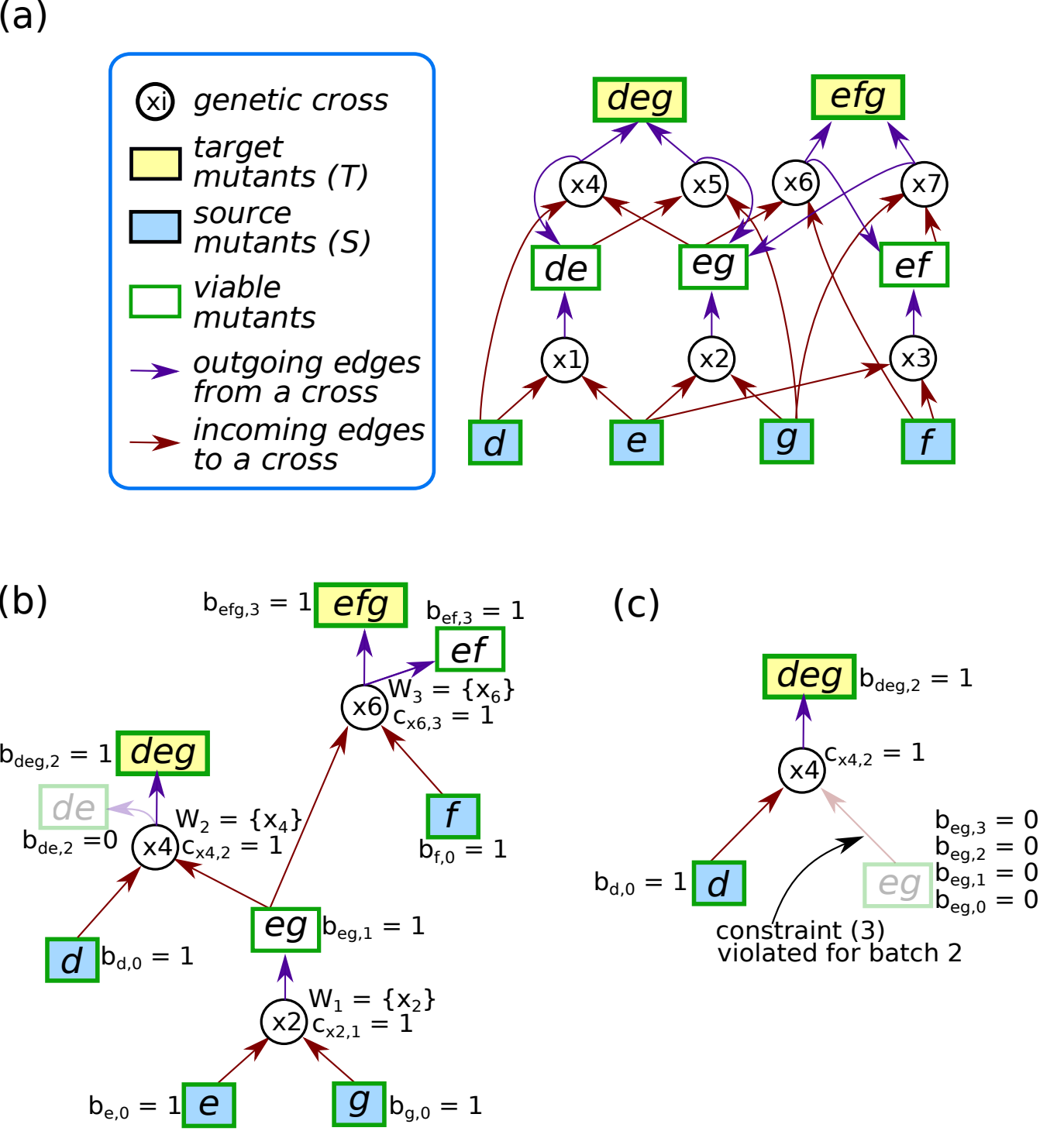
(a)
xi genetic cross
target mutants (T)
source mutants (S)
viable mutants
outgoing edges from a cross
incoming edges to a cross
deg
efg
x4
x5
x6
x7
de
eg
ef
x1
x2
x3
d
e
g
f
(b)
b_efg,3 = 1
efg
b_ef,3 = 1
ef
x6
W_3 = {x_6}
c_x6,3 = 1
b_deg,2 = 1
deg
de
b_de,2 =0
x4
W_2 = {x_4}
c_x4,2 = 1
f
b_f,0 = 1
eg
b_eg,1 = 1
d
b_d,0 = 1
x2
W_1 = {x_2}
c_x2,1 = 1
b_e,0 = 1
e
g
b_g,0 = 1
(c)
deg
b_deg,2 = 1
x4
c_x4,2 = 1
b_eg,3 = 0
b_eg,2 = 0
b_eg,1 = 0
b_eg,0 = 0
b_d,0 = 1
d
eg
constraint (3)
violated for batch 2