E: $f_1(E)$ $f_2(S,E,B)$

B: $f_2(B)$,

S: $f_3(S)$ $f_4(G,S)$

G

消除E:

$f(E)$

E	
e	$\frac{1}{10}$
-e	$\frac{9}{10}$

$f_2(S,E,B)$

S	E	B	
s	e	b	$\frac{9}{10}\times\frac{1}{10}$
s	-e	b	$\frac{9}{10}\times\frac{9}{10}$
s	e	-b	$\frac{1}{10}$
s	-e	-b	0
-s	e	b	$\frac{1}{10}$
-s	-e	b	$\frac{9}{10}\times\frac{1}{10}$
-s	e	-b	$\frac{9}{10}\times\frac{9}{10}$
-s	-e	-b	1

$f_5(S,B)$

S	B	
s	b	$\frac{91}{100}$
s	-b	$\frac{9}{100}$
-s	b	$\frac{19}{100}$
-s	-b	$\frac{981}{1000}$

消除B:

$f_2(B)$

B	
b	$\frac{1}{10}$
-b	$\frac{9}{10}$

$f_5(S,B)$

S	B	
s	b	$\frac{91}{100}$
s	-b	$\frac{9}{100}$
-s	b	$\frac{19}{100}$
-s	-b	$\frac{981}{1000}$

$f_6(S)$

S	
s	$\frac{99}{1000}$
-s	$\frac{901}{1000}$

消除S

$f_3(S)$

S	
s	$\frac{1}{10}$
-s	$\frac{9}{10}$

$f_6(S)$

S	
s	$\frac{99}{1000}$
-s	$\frac{901}{1000}$

$f_4(G,S)$

G	S	
g	s	$\frac{1}{2}$
g	-s	0
-g	s	$\frac{1}{2}$
-g	-s	1

$f_7(G)$

G	
g	$\frac{396}{10000}$
-g	$\frac{2198}{10000}$

归一化:

$f_1(G)$

G	
g	$\frac{198}{1297}$
-g	$\frac{1099}{1297}$