

parent A

0.3	0.2	0.5
0.2	0.6	0.2
0.7	0.2	0.1

weight A

1

multiply
each row

\times

matrix
addition

$+$

multiply
each row

\times

weight B

1

parent B

0.2	0.1	0.7
0.3	0.1	0.6
0.3	0.6	0.1

0.5	0.3	1.2
0.5	0.7	0.8
1	0.8	0.2

orientation penalization vector

1	1	0.5
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\times

multiply matrix
by vector

0.5	0.3	0.6
0.5	0.7	0.4
1	0.8	0.1

normalize each row
to stochastic vector

child

0.36	0.21	0.43
0.31	0.44	0.25
0.53	0.42	0.05