



L_1 : fault length1 (flength1)

L_2 : fault length2 (flength2)

D : fault depth (fdepth)

θ : strike angle (fstrike)

δ : dip angle (fdip)

W_1 : fault width1 (fwidth1)

W_2 : fault width2 (fwidth2)

U_1 : strike slip (u1)

U_2 : dip slip (u2)

U_3 : tensile opening (u3)

Semi-infinite medium occupies $z \leq 0$.