(a) Mode I

Depth, z/h

Stress intensity factor (MPa m$^{1/2}$)

Mean: 4.6 MPa m$^{1/2}$

3D solution

(b) Mode I - mean

Depth, z/h

Stress intensity factor (MPa m$^{1/2}$)

Mean: 0.49 MPa m$^{1/2}$

Eq. (19)

(c) Mode I sense of motion

(f) Mode II sense of motion

(d) Mode II

Depth, z/h

Stress intensity factor (MPa m$^{1/2}$)

Mean: 0.49 MPa m$^{1/2}$

3D solution

(e) Mode III

Depth, z/h

Stress intensity factor (MPa m$^{1/2}$)

Mean: 2.8e-3 MPa m$^{1/2}$

Eq. (23)

(g) Mode III sense of motion

3D solution