

Simulation Summary Report

Project Title: Fracture under mixed mode

Description: 2D, Fracture analysis, Isotropic, Quasi-Static

Created By: pmasscasestudies

Project Created: 05/30/2023-10:14

Report Created: 10/31/2023-10:22

Analysis Type: Fracture Analysis

Solver: quasi-static

Dimension: 2

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Undeformed Grid

Number of Points: 40000

min-x: 0.0025

max-x: 0.9974999999999999

min-y: 0.0025

max-y: 0.9974999999999999



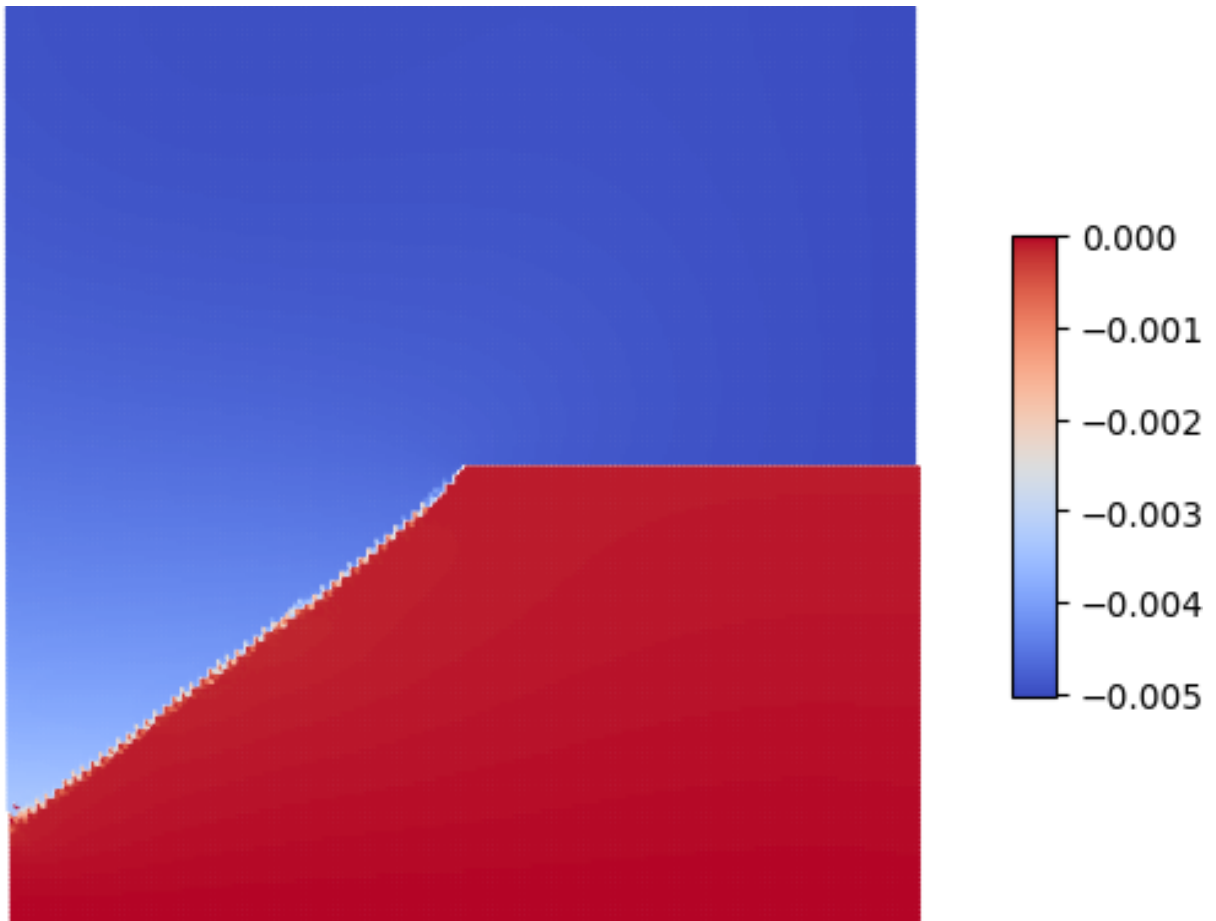
Run Name: run0

Solution Output: out_0_50

Field: u-x

min-u-x: -0.00500887

max-u-x: 0.0



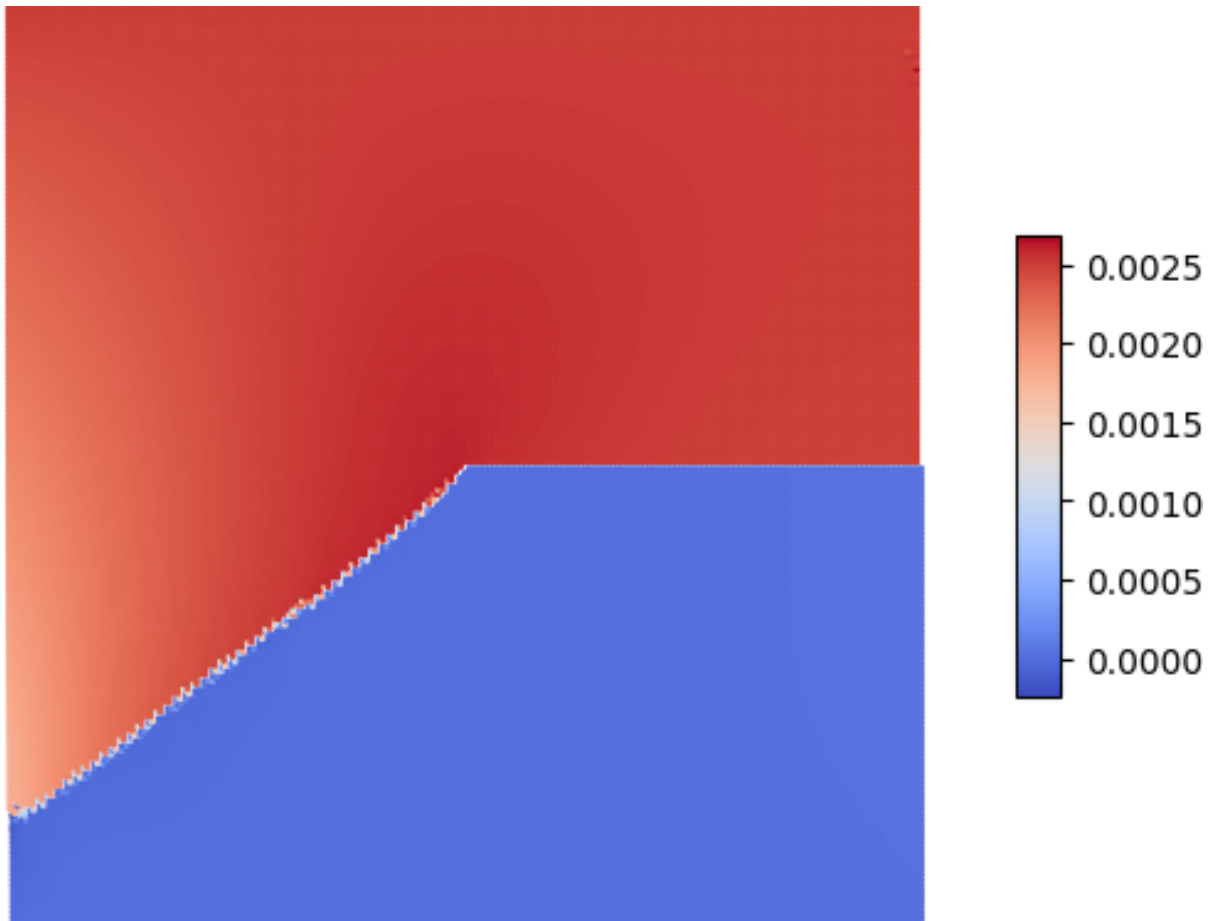
Run Name: run0

Solution Output: out_0_50

Field: u-y

min-u-y: -0.000238611

max-u-y: 0.00269107



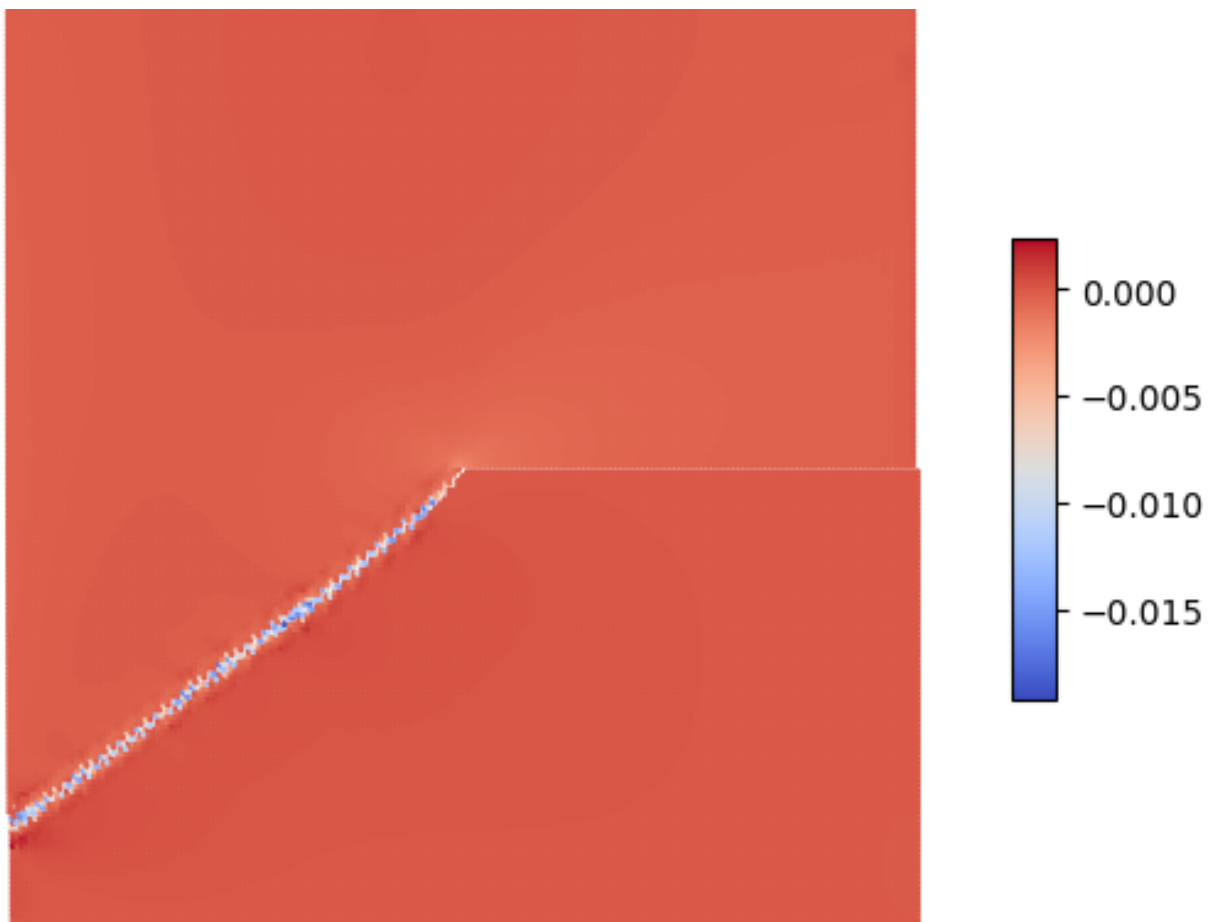
Run Name: run0

Solution Output: out_0_50

Field: e-x

min-e-x: -0.0192055

max-e-x: 0.00240954



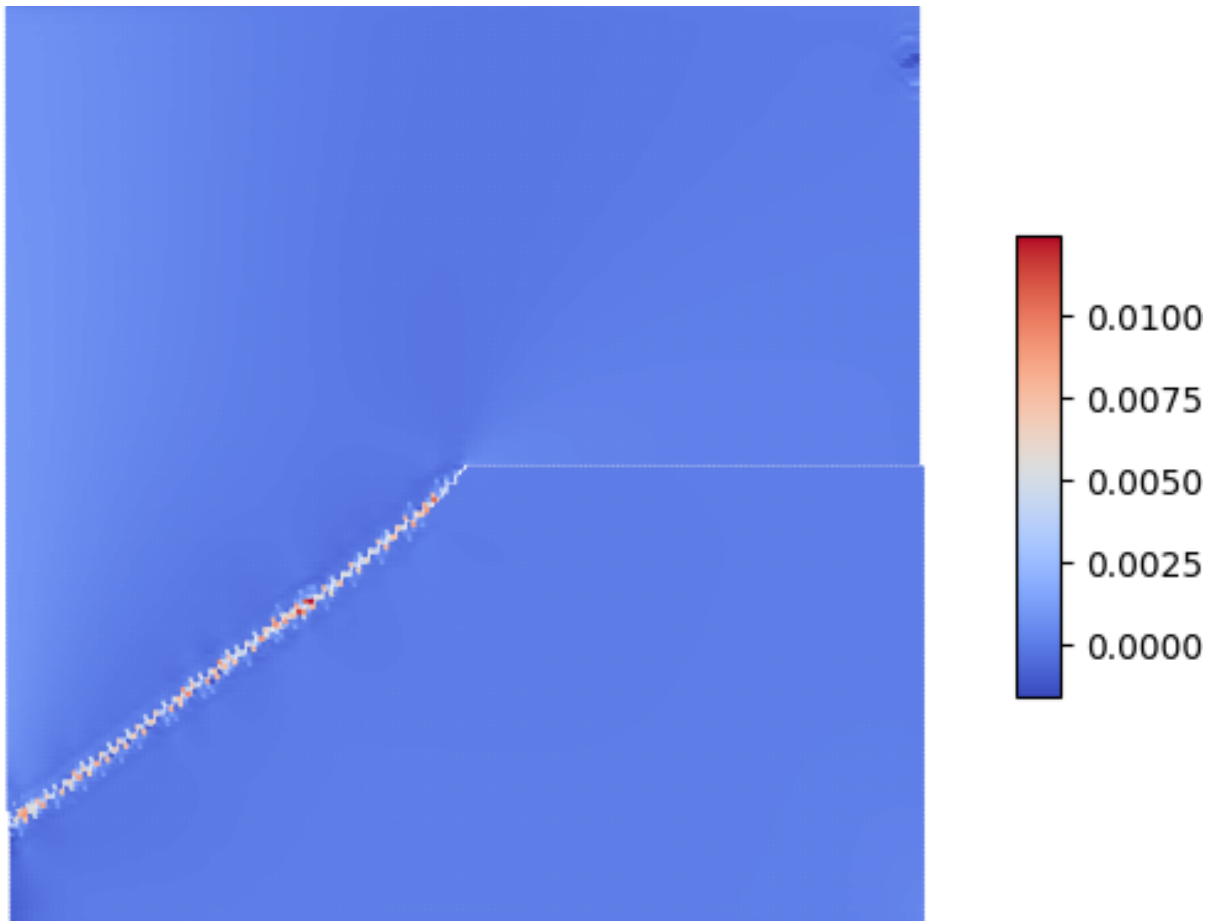
Run Name: run0

Solution Output: out_0_50

Field: e-y

min-e-y: -0.00159956

max-e-y: 0.012449



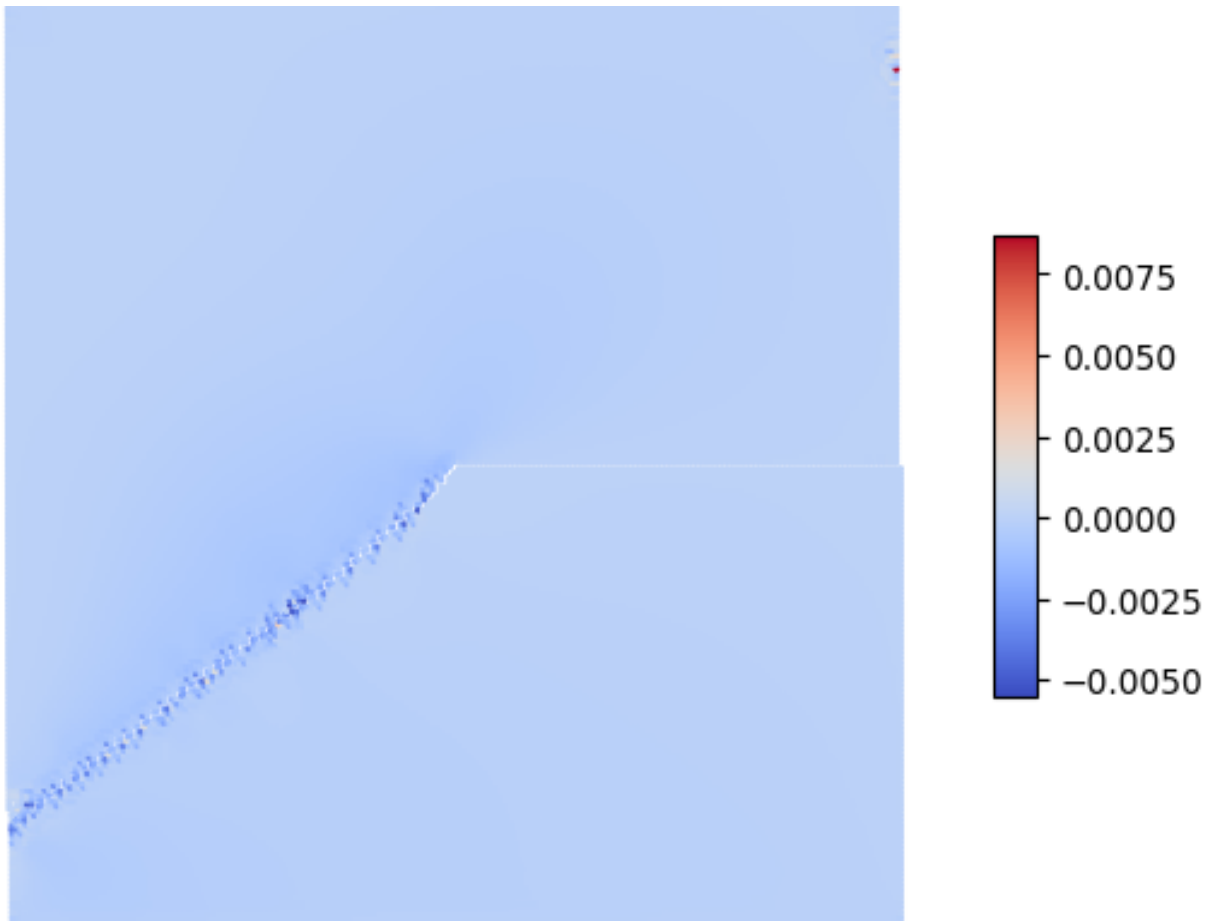
Run Name: run0

Solution Output: out_0_50

Field: e-xy

min-e-xy: -0.00549602

max-e-xy: 0.00870074



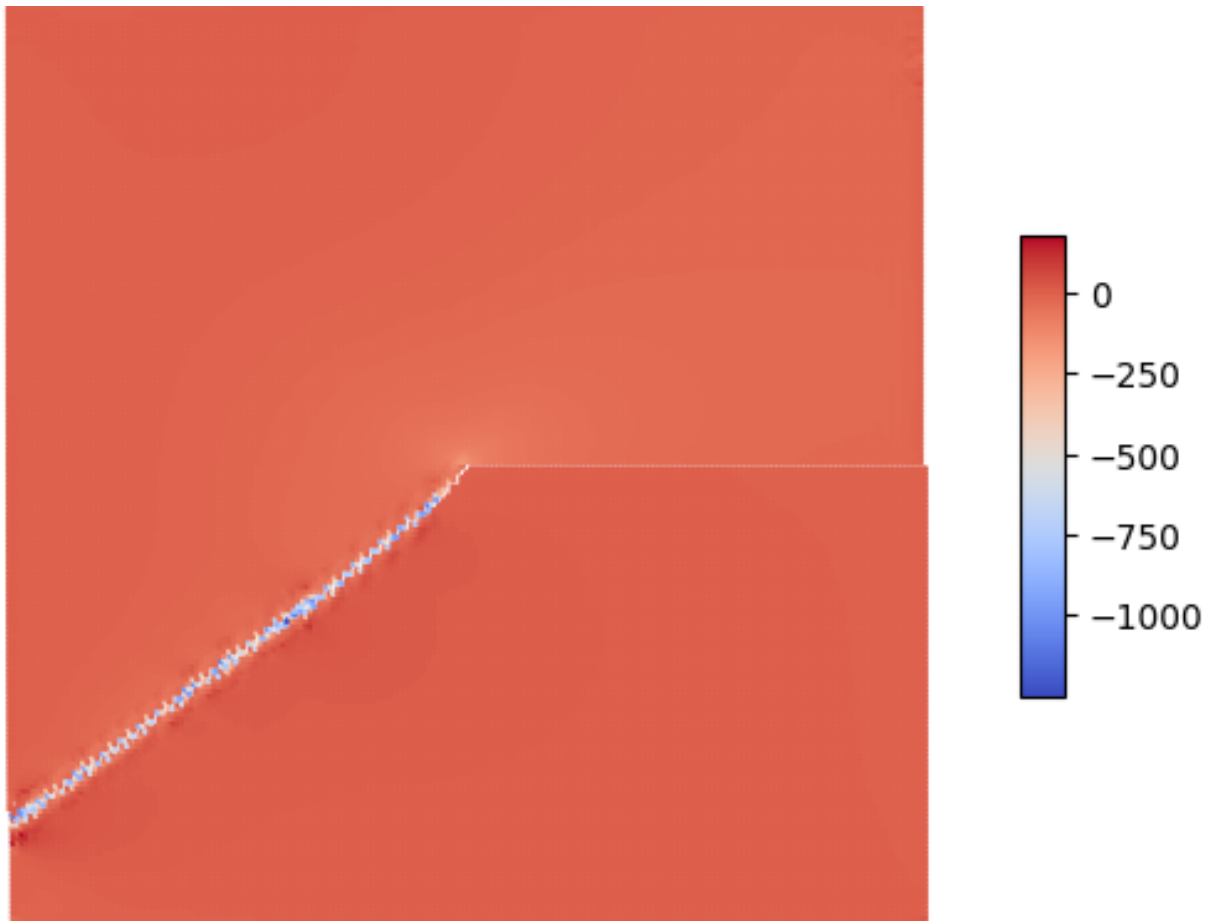
Run Name: run0

Solution Output: out_0_50

Field: s-x

min-s-x: -1249.59

max-s-x: 179.233



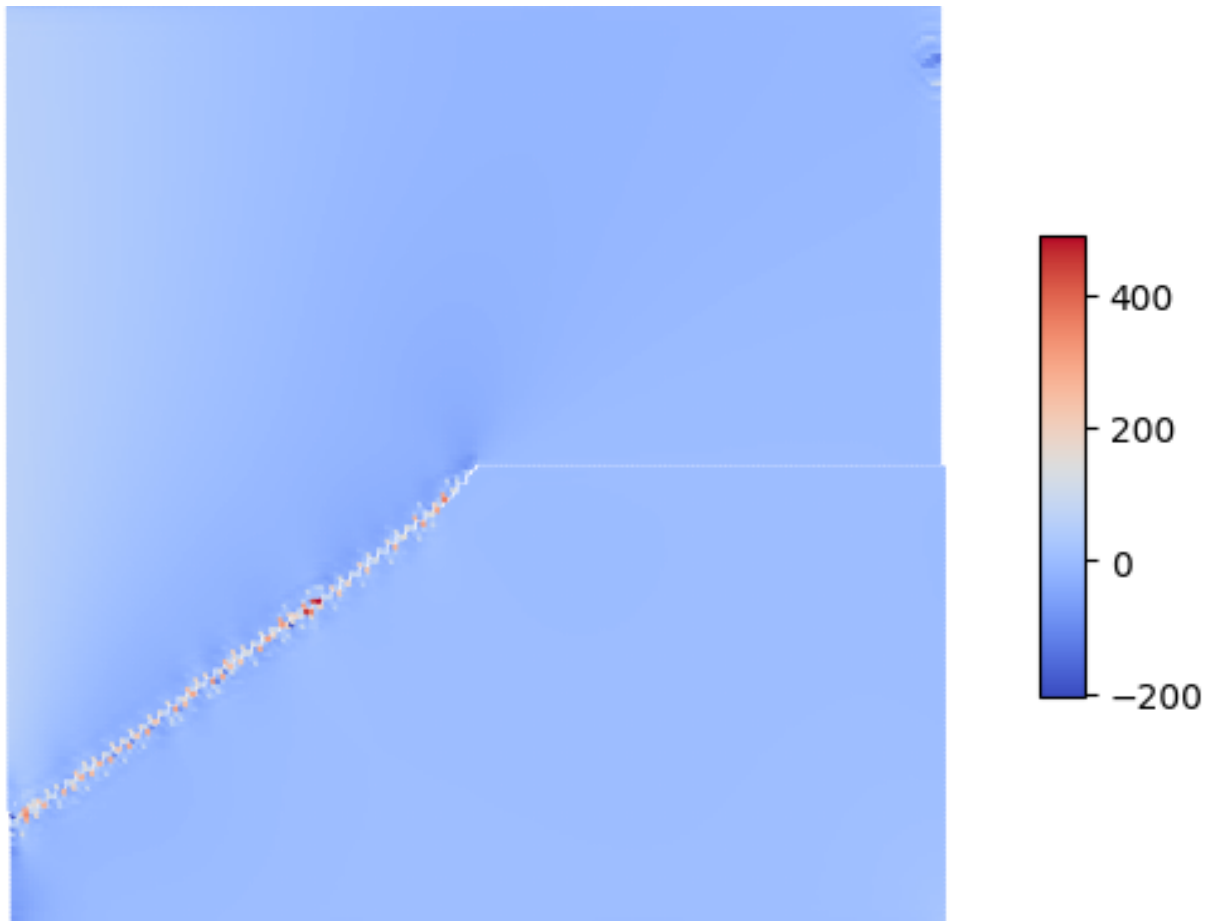
Run Name: run0

Solution Output: out_0_50

Field: s-y

min-s-y: -203.158

max-s-y: 489.958



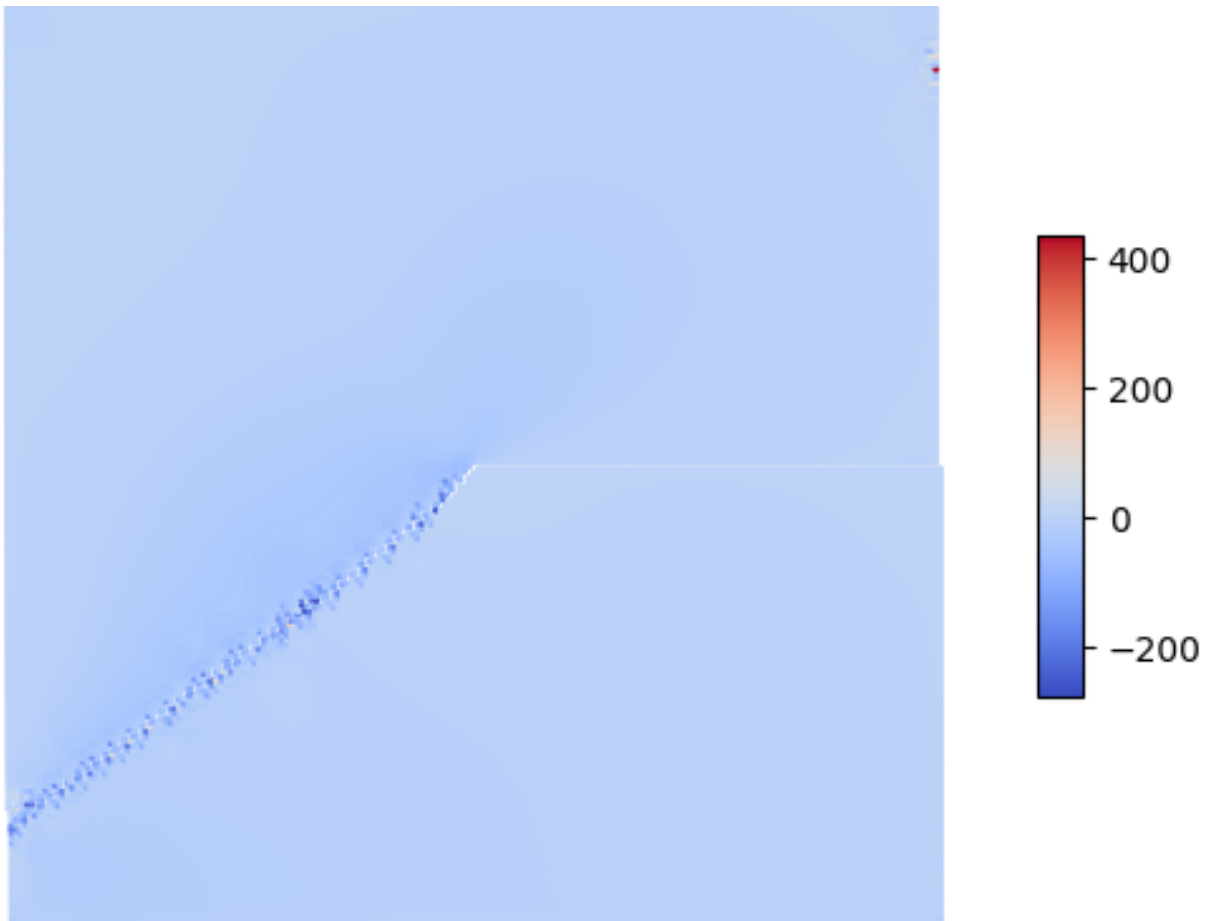
Run Name: run0

Solution Output: out_0_50

Field: s-xy

min-s-xy: -274.801

max-s-xy: 435.037



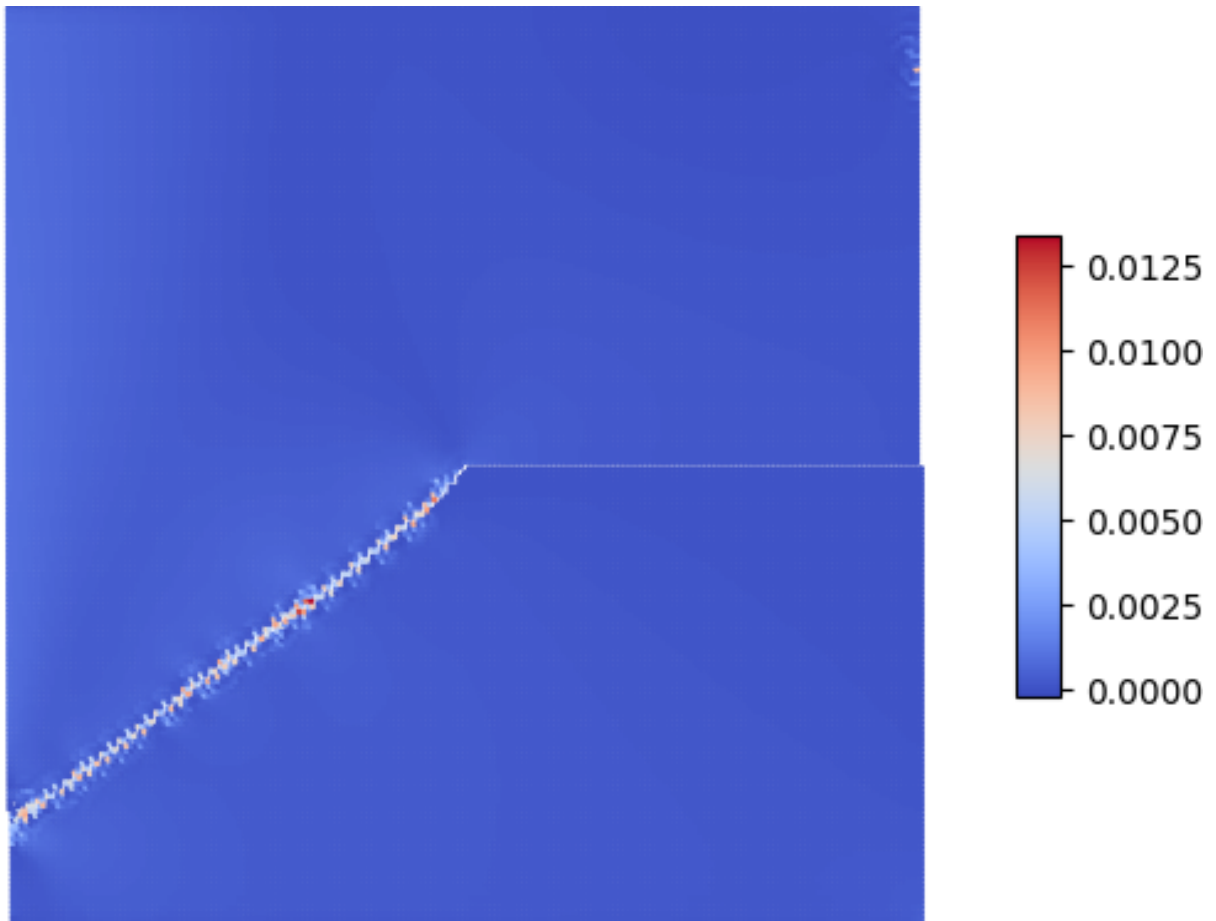
Run Name: run0

Solution Output: out_0_50

Field: e-p1

min-e-p1: -0.000212948

max-e-p1: 0.013378



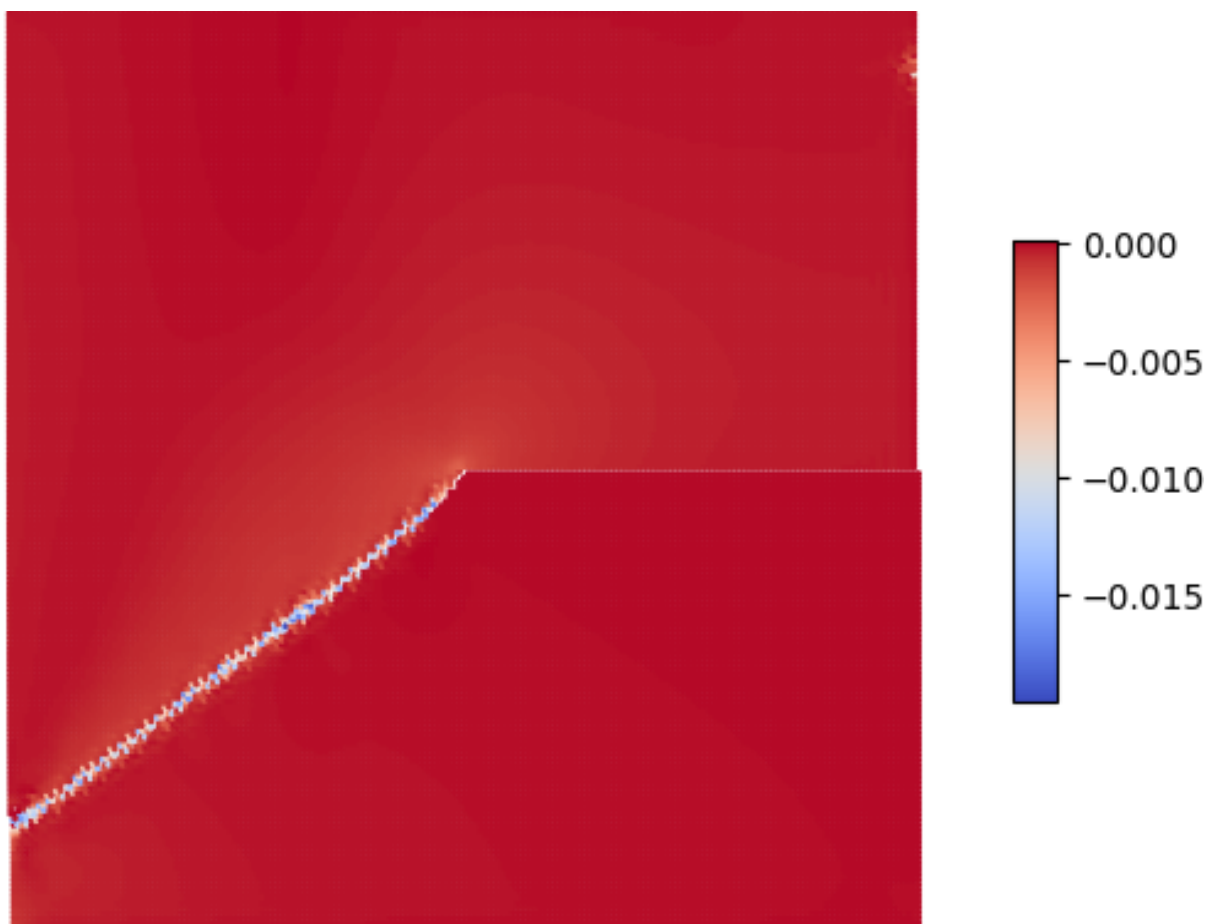
Run Name: run0

Solution Output: out_0_50

Field: e-p2

min-e-p2: -0.0195299

max-e-p2: 7.98839e-05



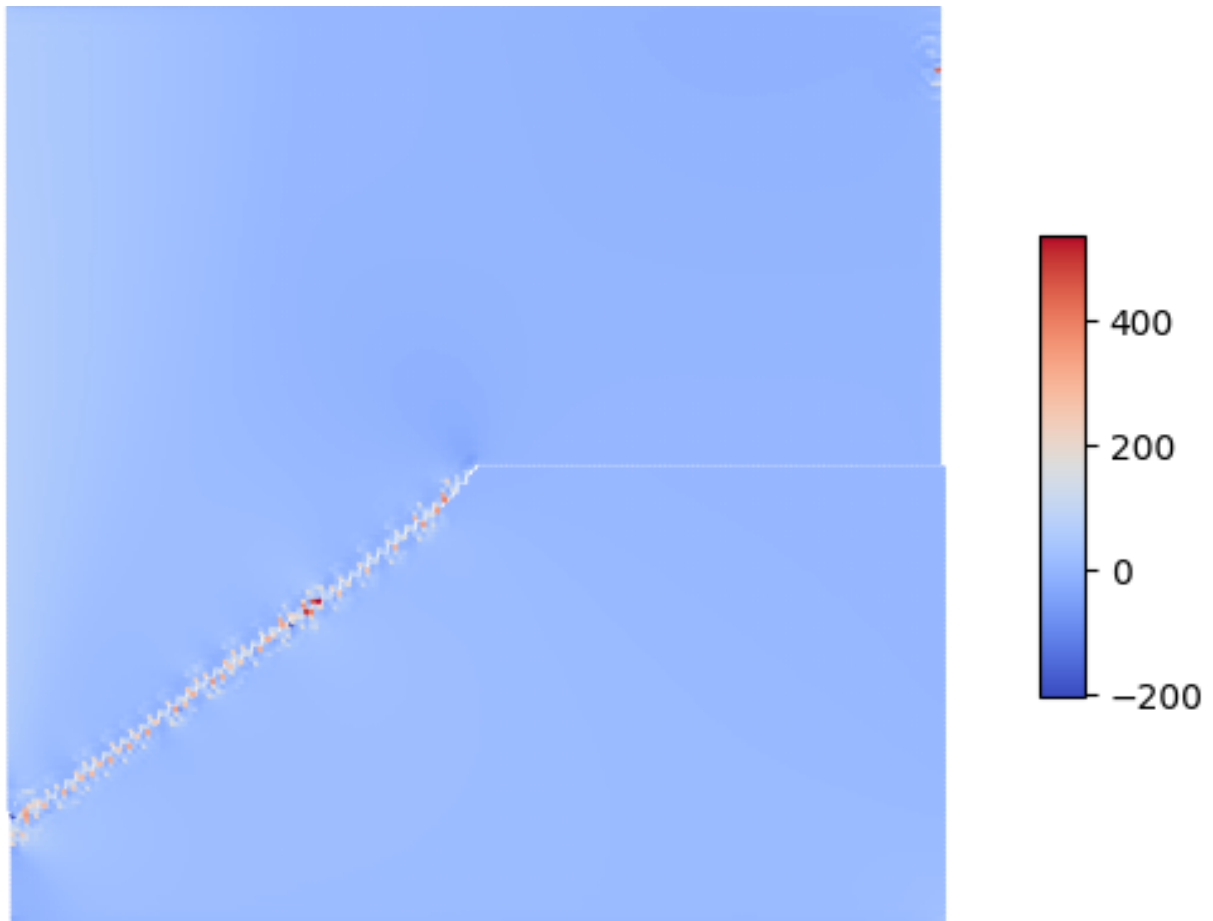
Run Name: run0

Solution Output: out_0_50

Field: s-p1

min-s-p1: -203.115

max-s-p1: 536.408



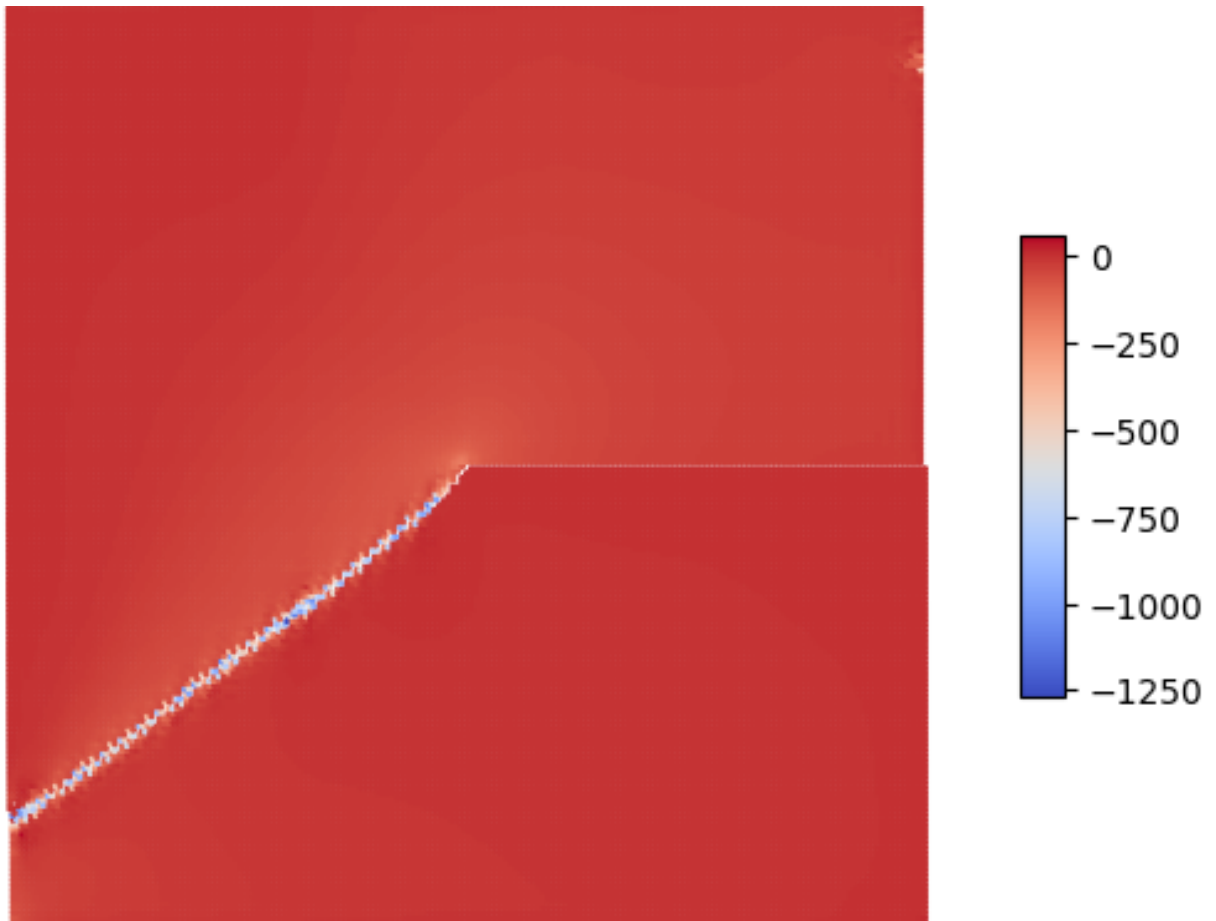
Run Name: run0

Solution Output: out_0_50

Field: s-p2

min-s-p2: -1265.81

max-s-p2: 61.587



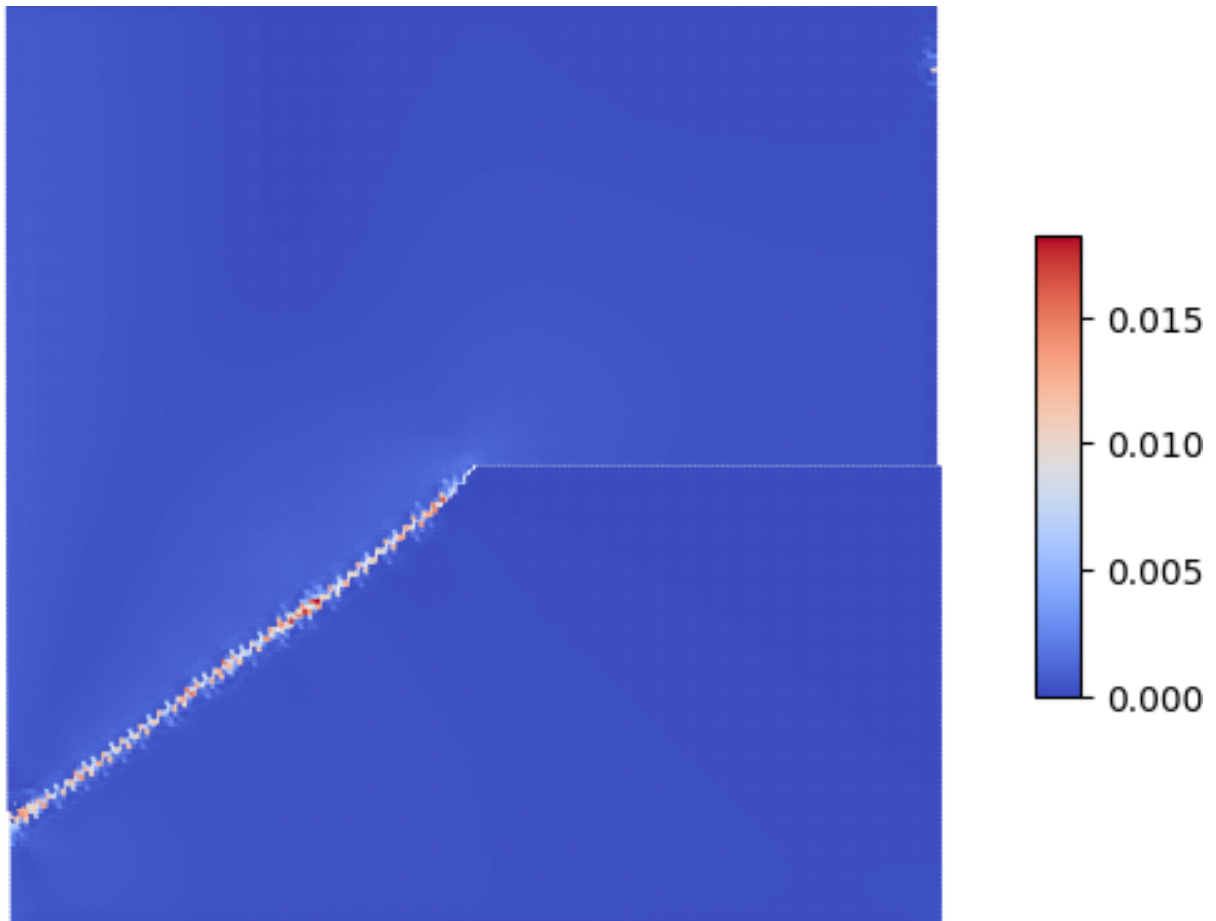
Run Name: run0

Solution Output: out_0_50

Field: e-eq

min-e-eq: 0.0

max-e-eq: 0.0182351



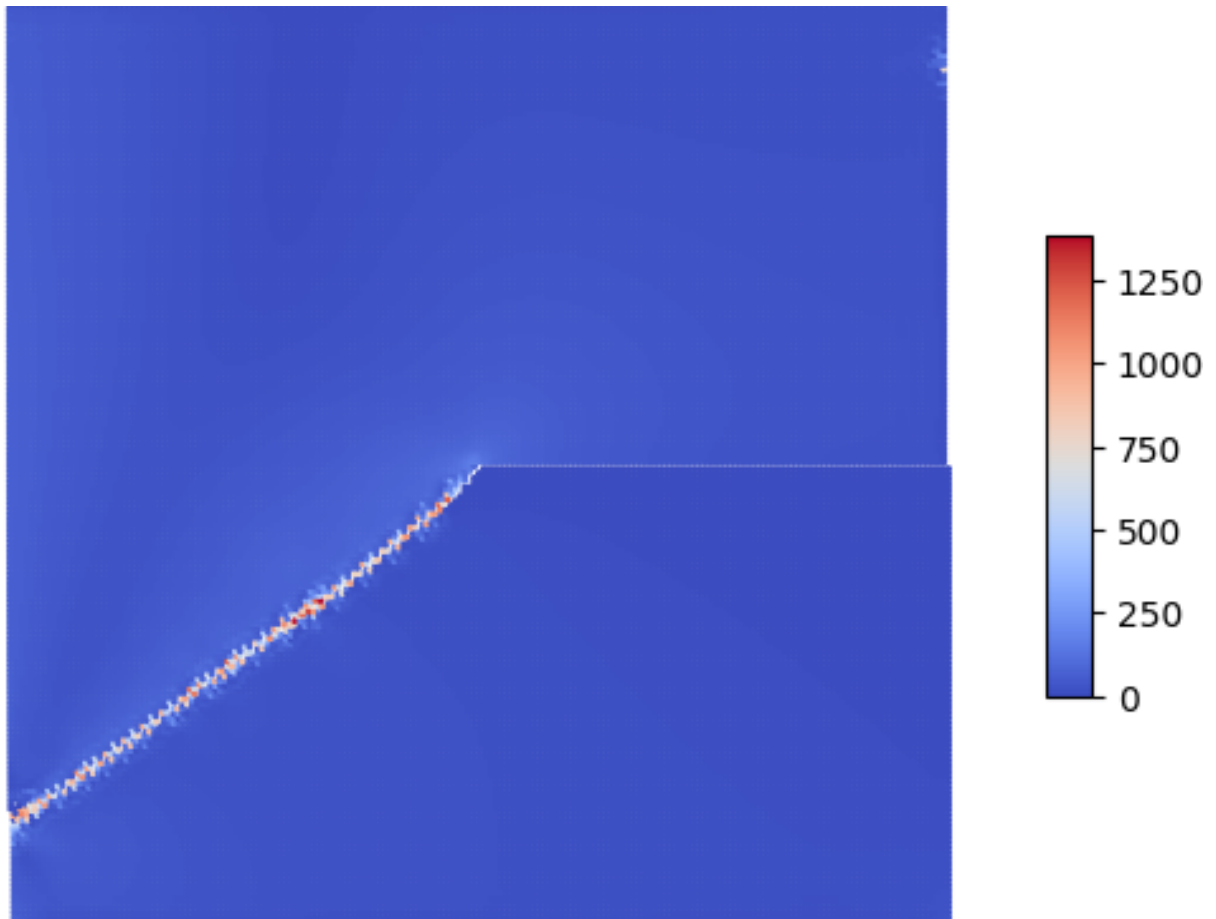
Run Name: run0

Solution Output: out_0_50

Field: s-eq

min-s-eq: 0.0

max-s-eq: 1385.35



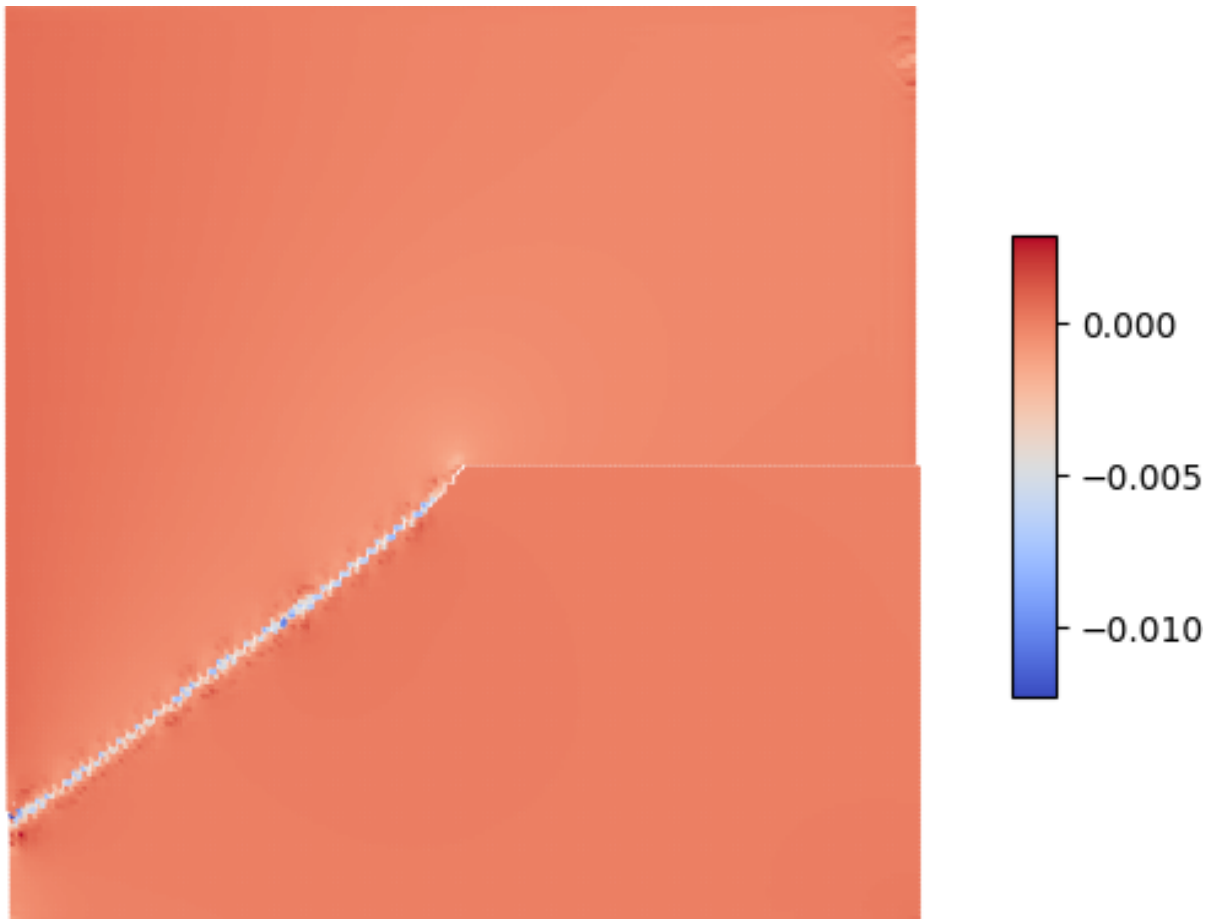
Run Name: run0

Solution Output: out_0_50

Field: e-vol

min-e-vol: -0.0122863

max-e-vol: 0.00291615



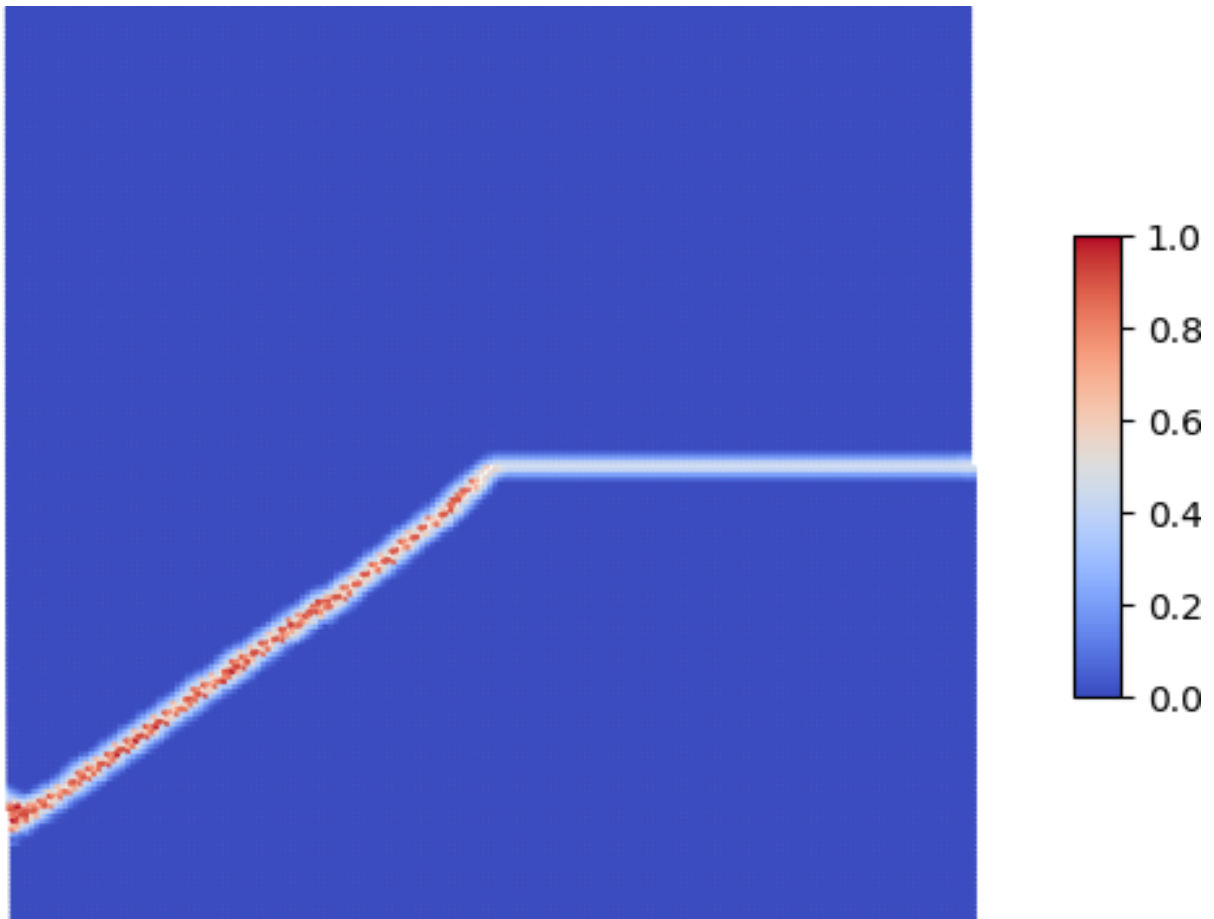
Run Name: run0

Solution Output: out_0_50

Field: damage-ini

min-damage-ini: 0.0

max-damage-ini: 1.0



Run Name: run0

Solution Output: out_0_50

Field: damage

min-damage: 0.0

max-damage: 1.0

