

Simulation Summary Report

Project Title: L-shaped Plate

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

Created By: pmasscasestudies

Project Created: 04/11/2023-16:06

Report Created: 10/31/2023-10:23

Analysis Type: Fracture Analysis

Solver: quasi-static

Dimension: 2

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Undeformed Grid

Number of Points: 46875

min-x: 1.0

max-x: 499.0

min-y: 1.0

max-y: 499.0



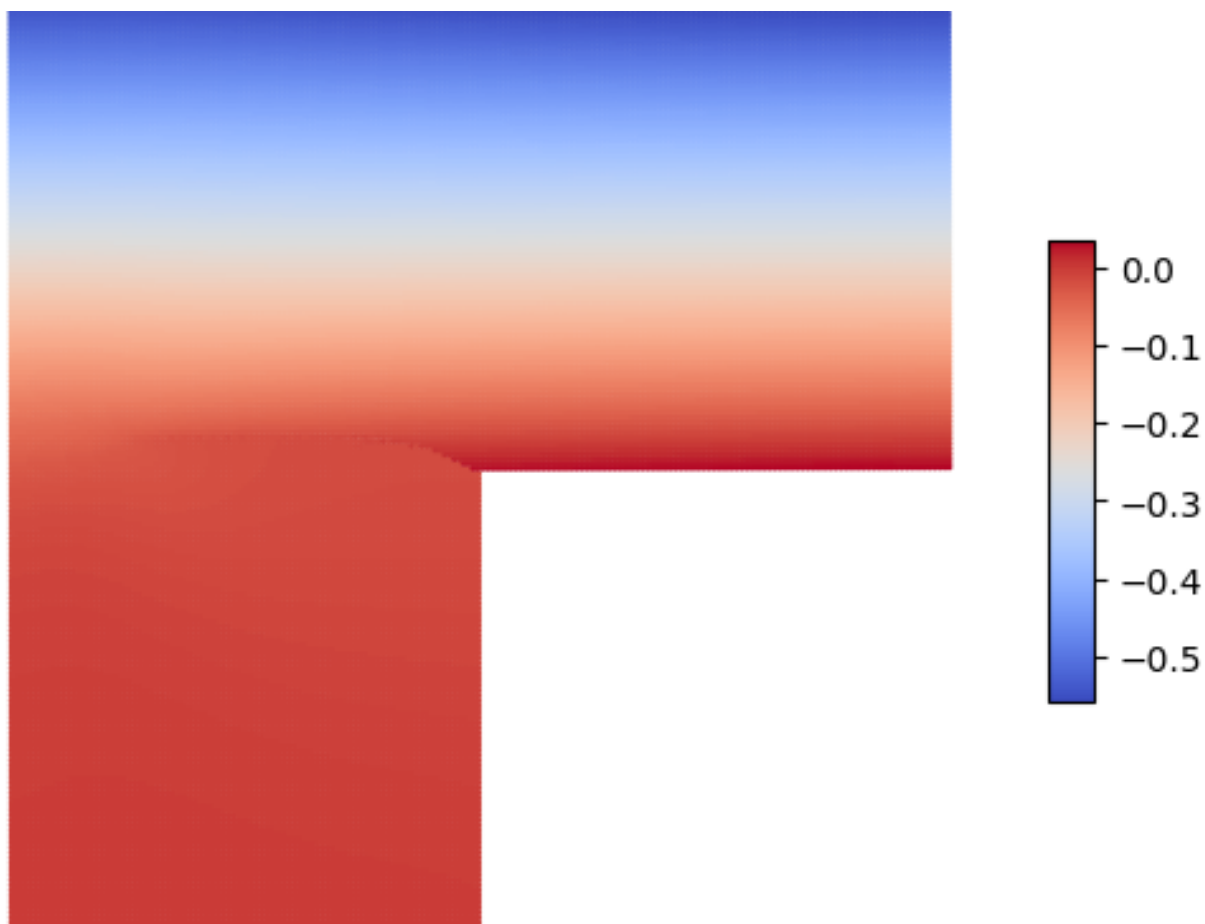
Run Name: run0

Solution Output: out_1_2000

Field: u-x

min-u-x: -0.557816

max-u-x: 0.0364296



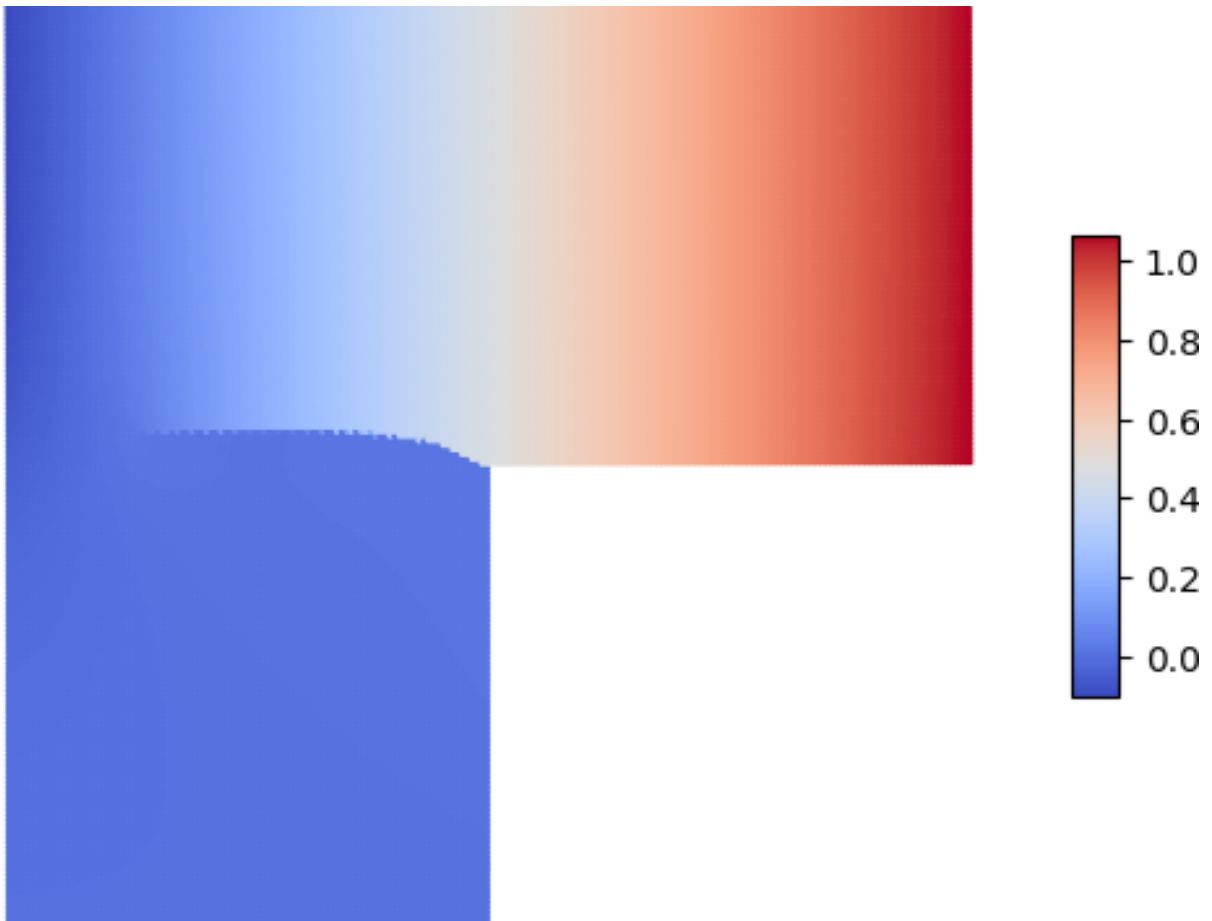
Run Name: run0

Solution Output: out_1_2000

Field: u-y

min-u-y: -0.100942

max-u-y: 1.06512



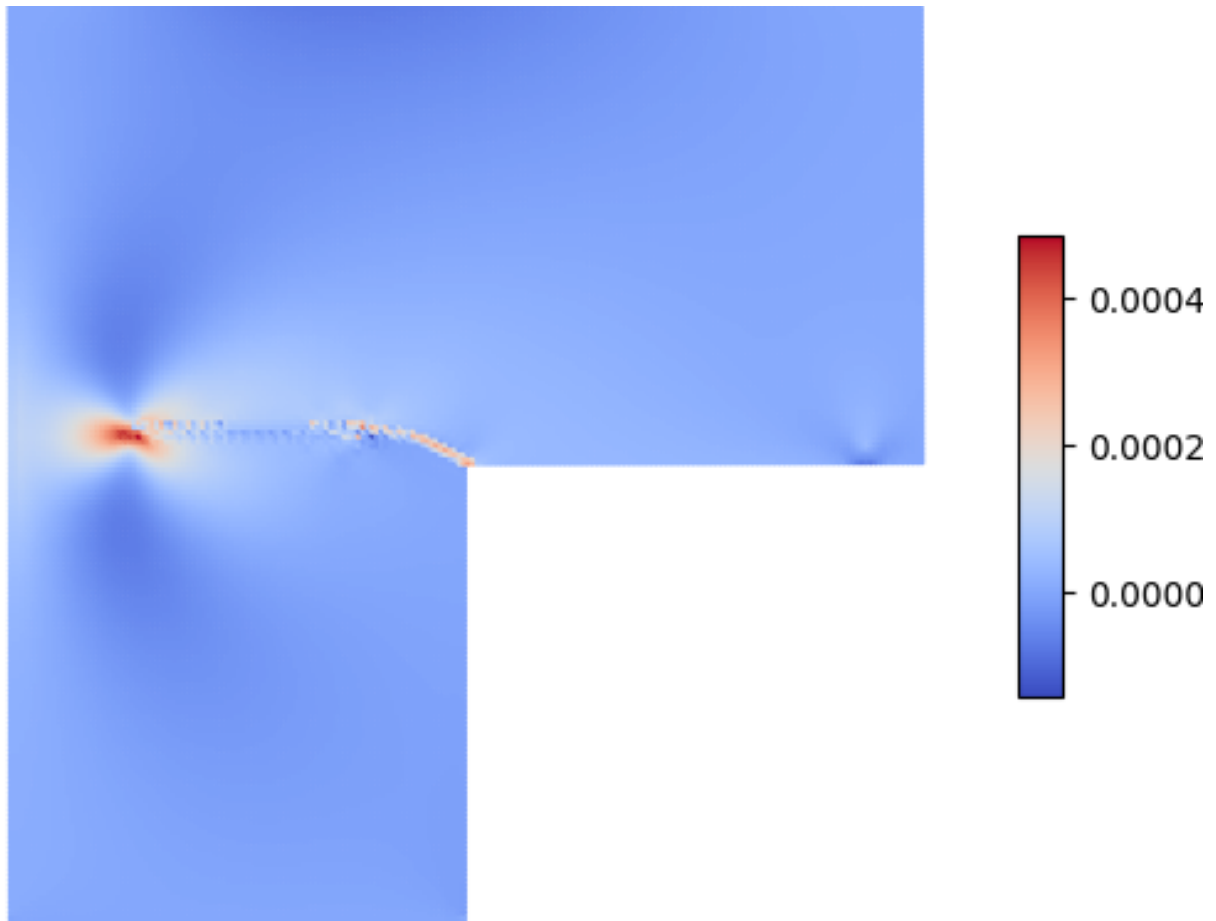
Run Name: run0

Solution Output: out_1_2000

Field: e-x

min-e-x: -0.000141528

max-e-x: 0.000486139



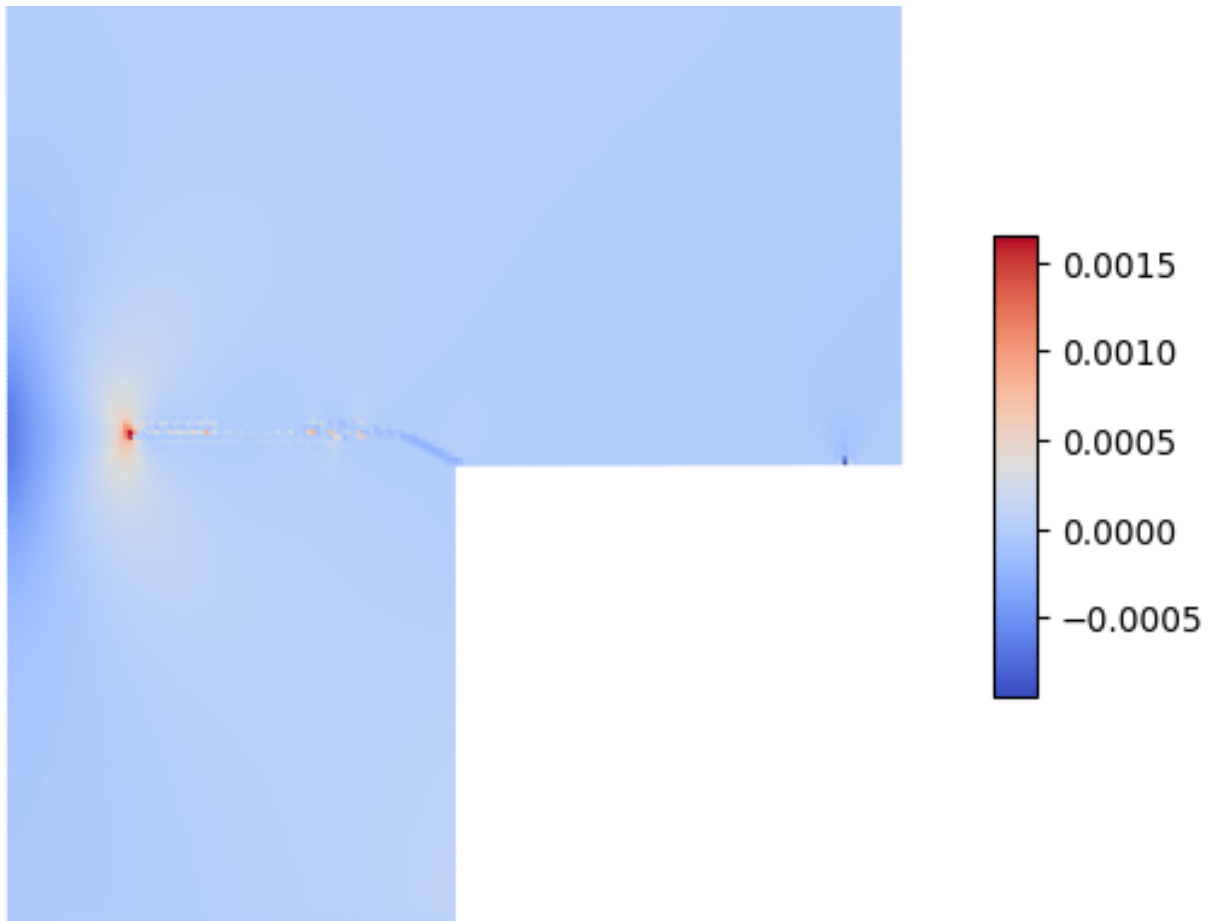
Run Name: run0

Solution Output: out_1_2000

Field: e-y

min-e-y: -0.000939583

max-e-y: 0.00165229



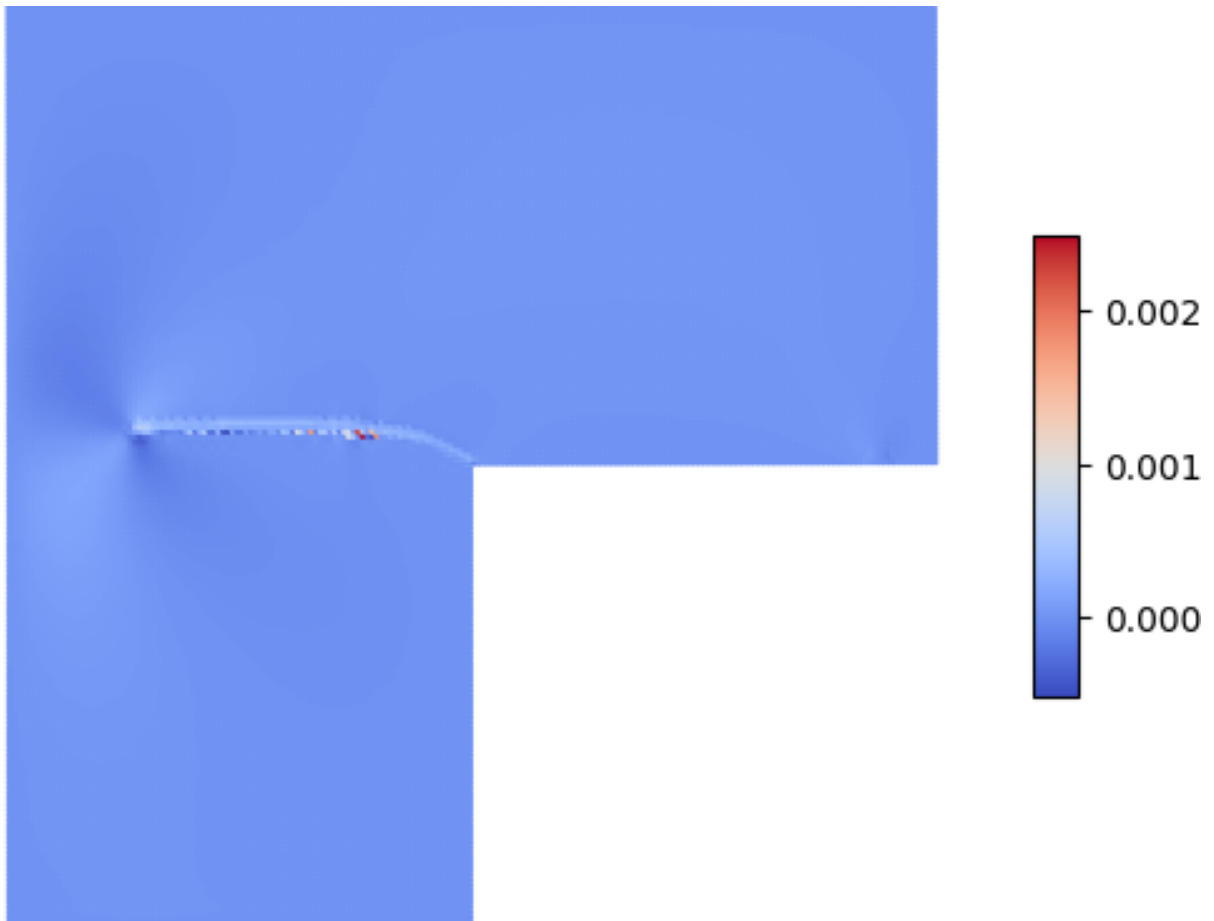
Run Name: run0

Solution Output: out_1_2000

Field: e-xy

min-e-xy: -0.000512318

max-e-xy: 0.00249088



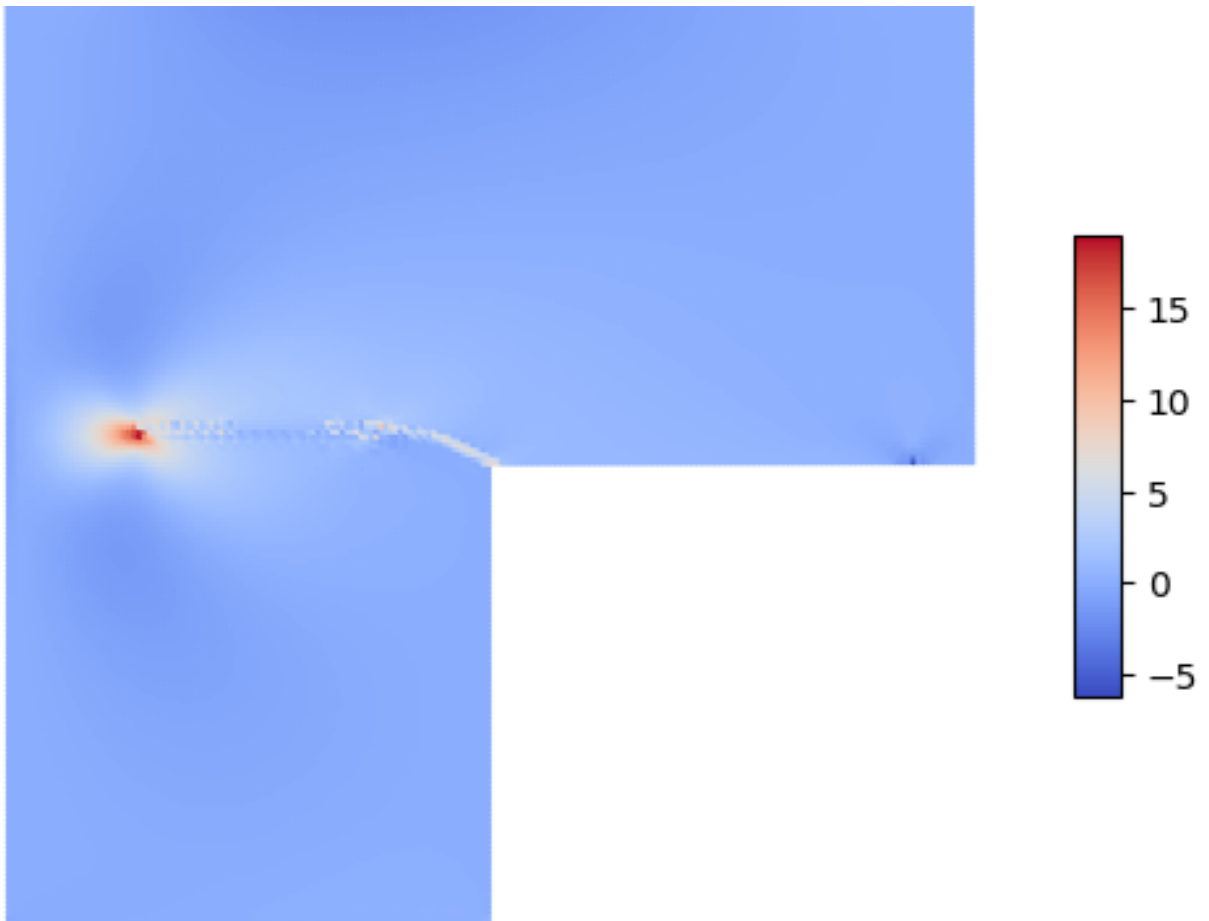
Run Name: run0

Solution Output: out_1_2000

Field: s-x

min-s-x: -6.16964

max-s-x: 19.0003



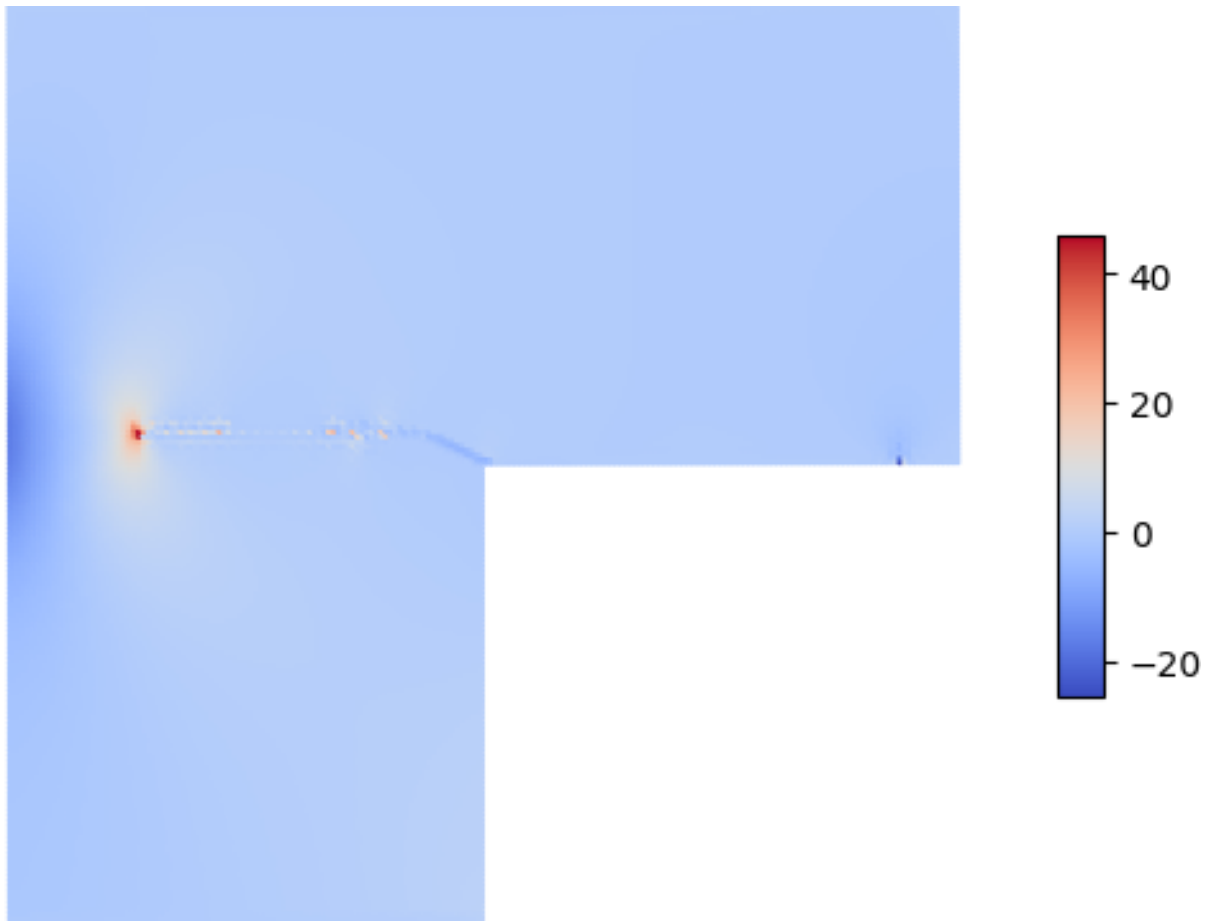
Run Name: run0

Solution Output: out_1_2000

Field: s-y

min-s-y: -25.3894

max-s-y: 46.0329



Run Name: run0

Solution Output: out_1_2000

Field: s-xy

min-s-xy: -11.2189

max-s-xy: 54.546



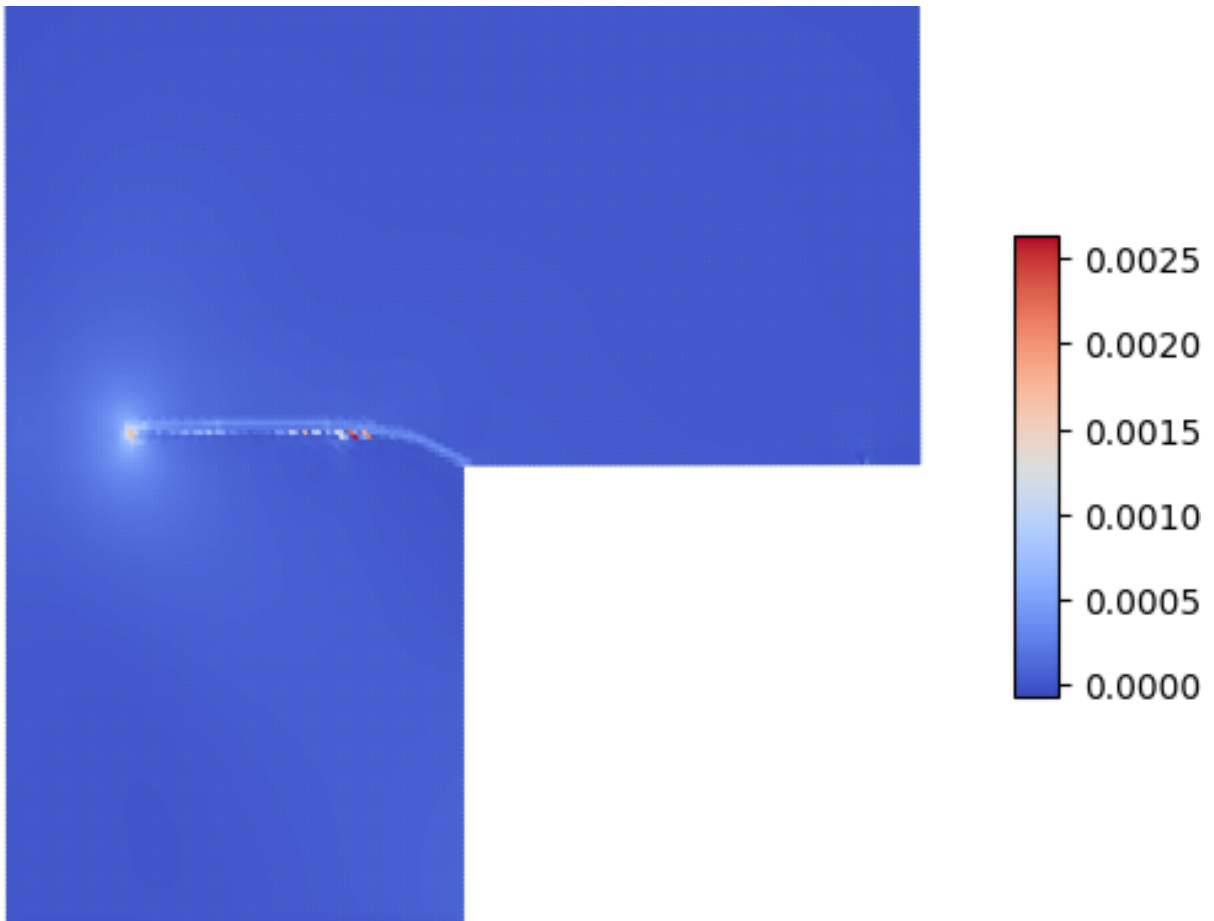
Run Name: run0

Solution Output: out_1_2000

Field: e-p1

min-e-p1: -6.18897e-05

max-e-p1: 0.00263409



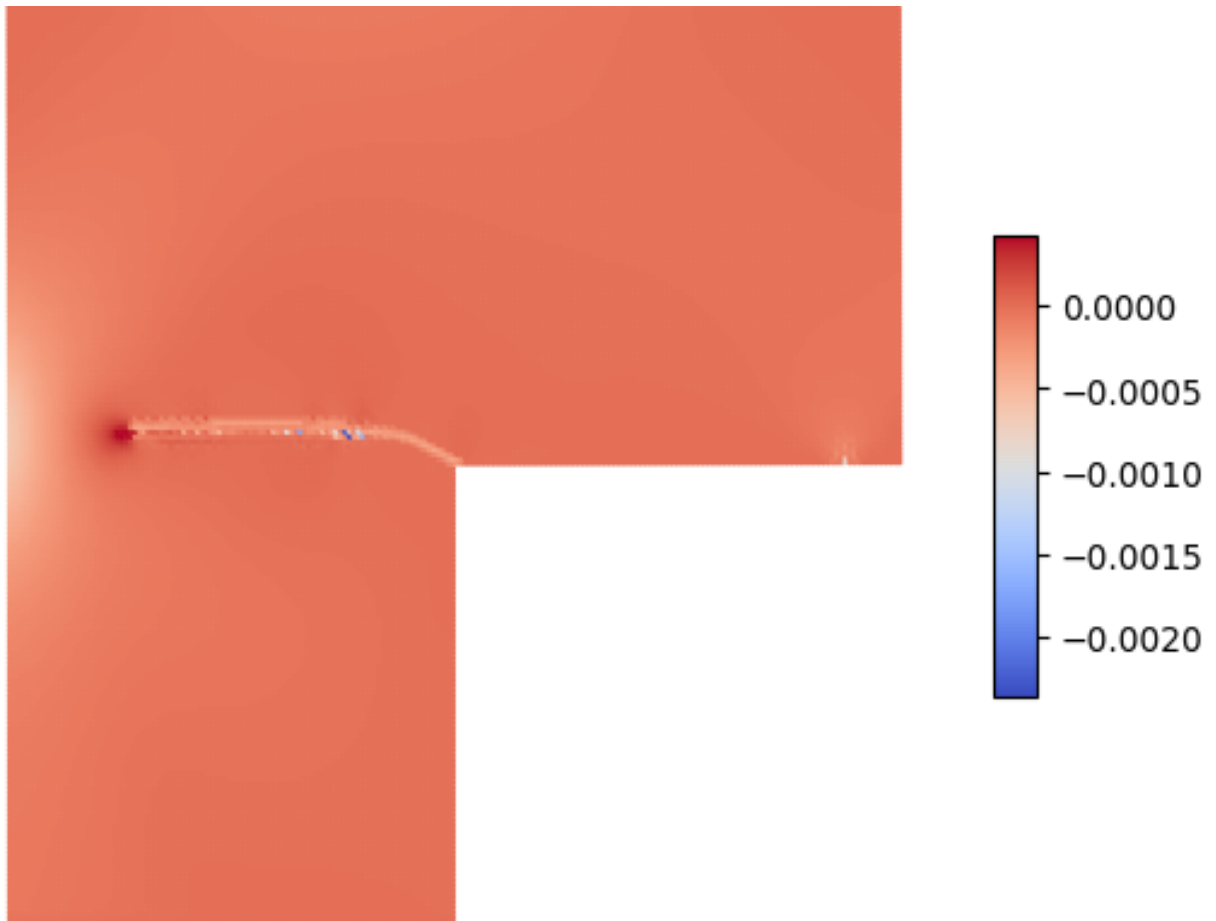
Run Name: run0

Solution Output: out_1_2000

Field: e-p2

min-e-p2: -0.00235546

max-e-p2: 0.000429009



Run Name: run0

Solution Output: out_1_2000

Field: s-p1

min-s-p1: -6.16936

max-s-p1: 59.0214



Run Name: run0

Solution Output: out_1_2000

Field: s-p2

min-s-p2: -50.2411

max-s-p2: 18.3588



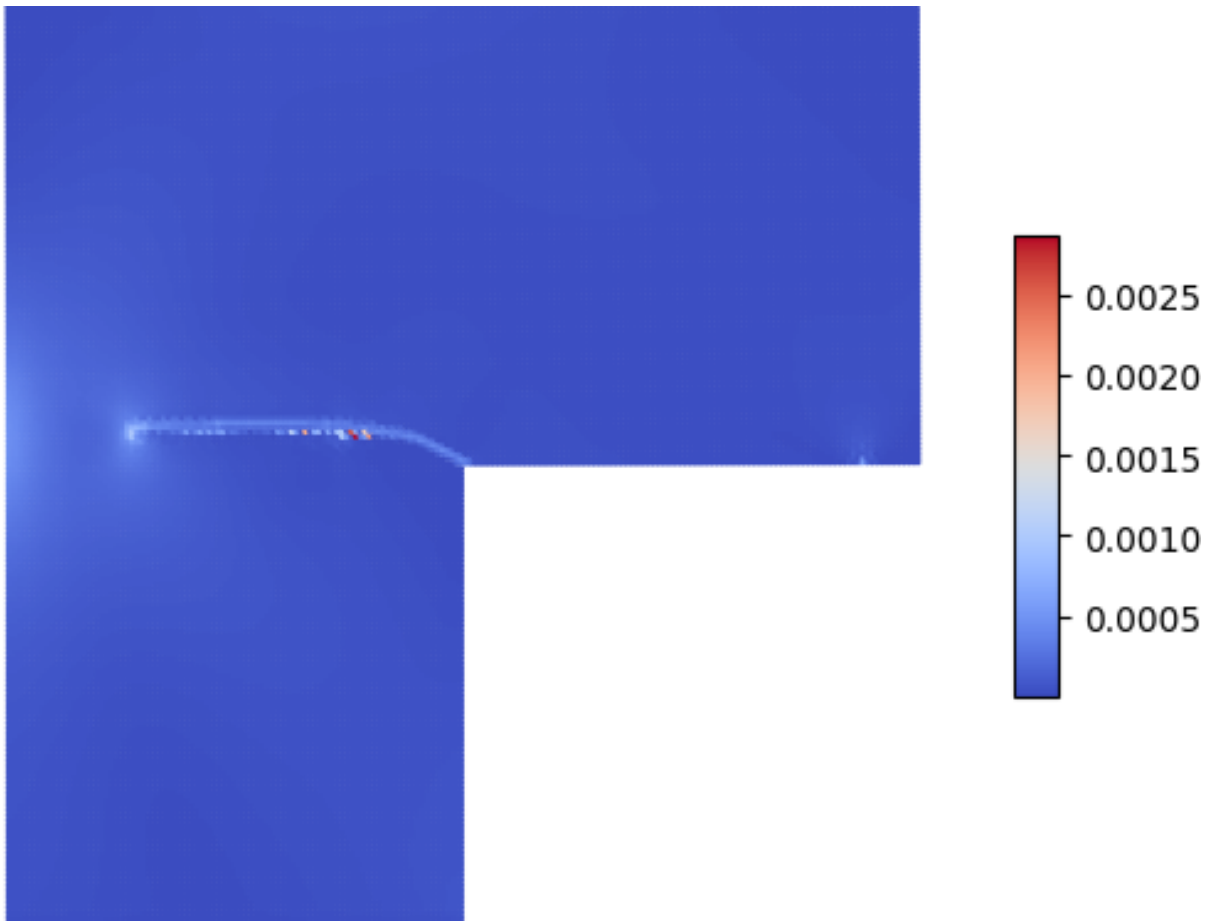
Run Name: run0

Solution Output: out_1_2000

Field: e-eq

min-e-eq: 5.93881e-08

max-e-eq: 0.00288221



Run Name: run0

Solution Output: out_1_2000

Field: s-eq

min-s-eq: 0.00228078

max-s-eq: 94.7259



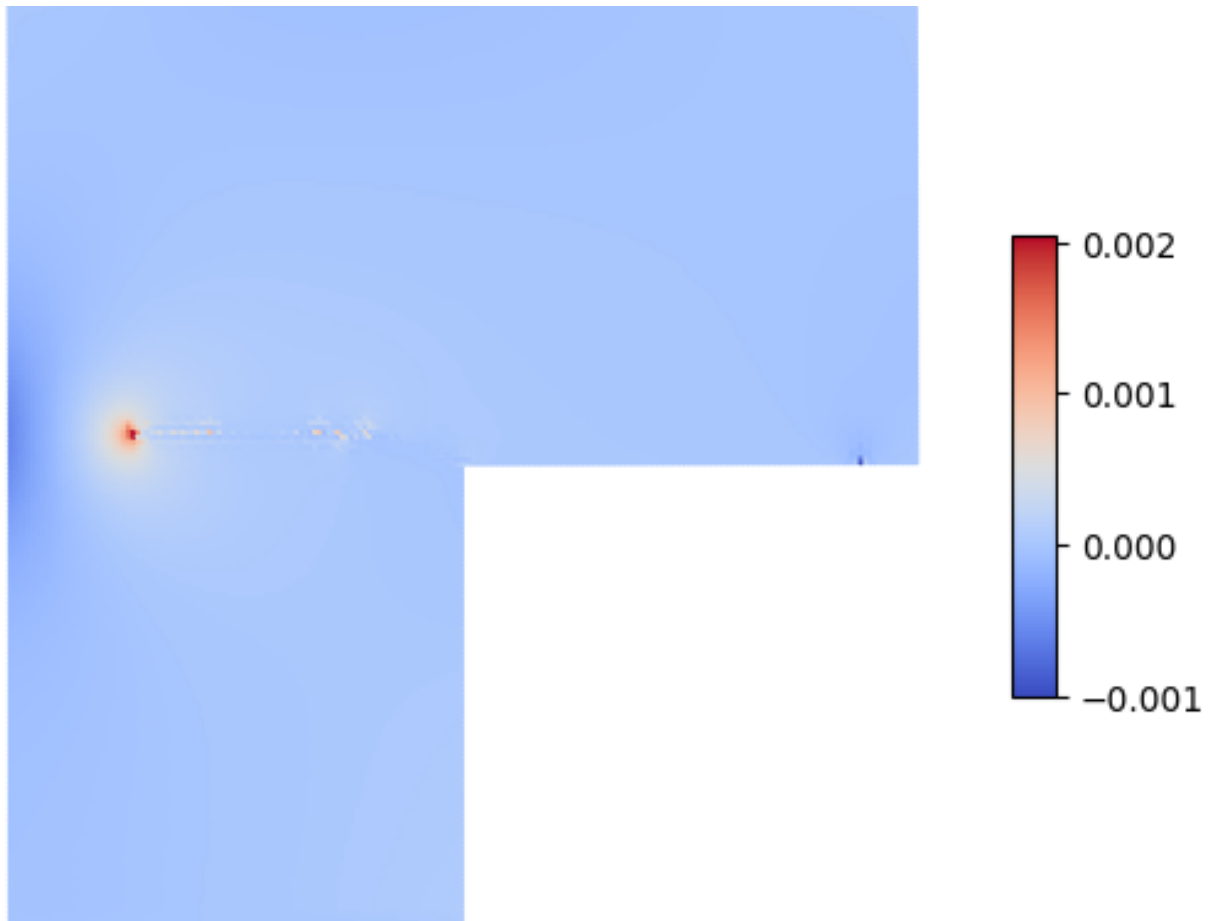
Run Name: run0

Solution Output: out_1_2000

Field: e-vol

min-e-vol: -0.00100143

max-e-vol: 0.0020499



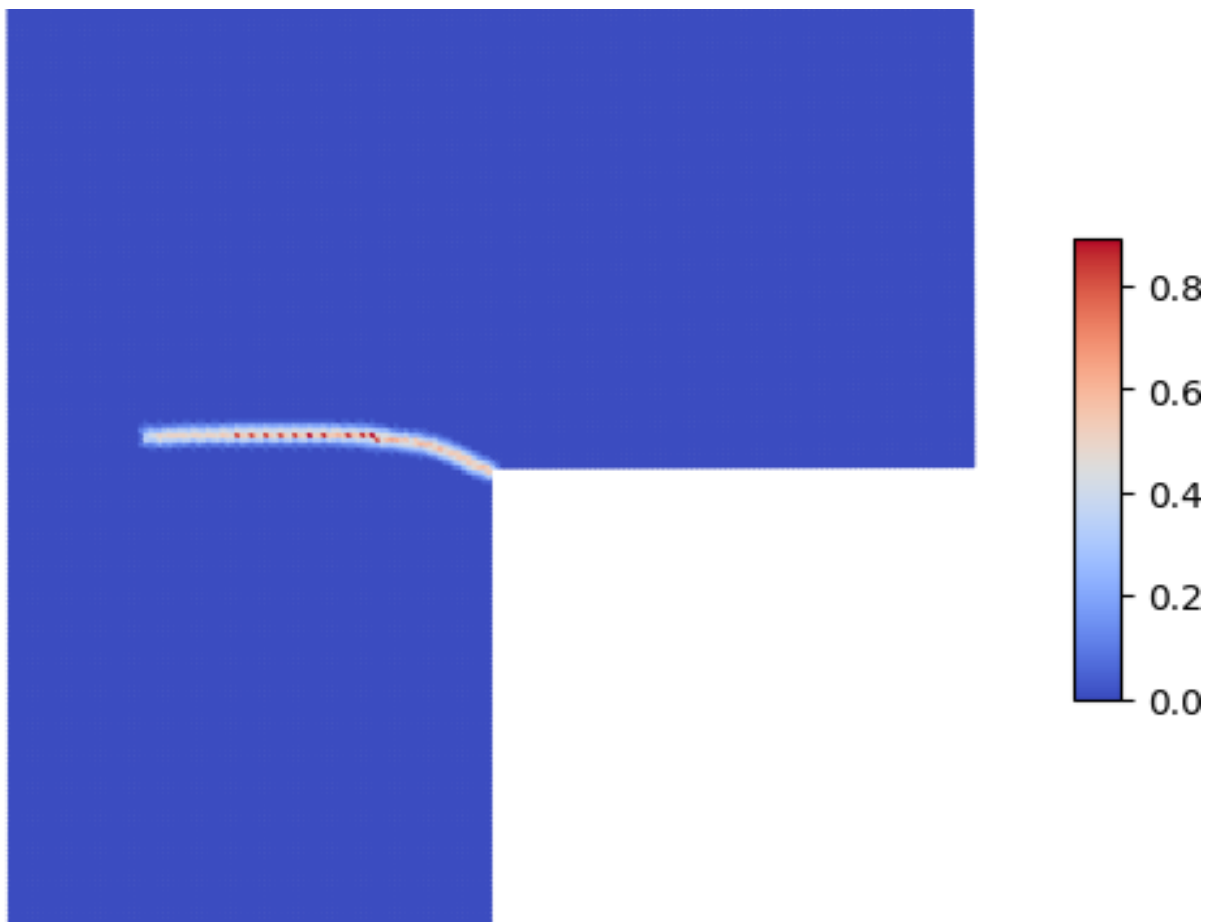
Run Name: run0

Solution Output: out_1_2000

Field: damage-ini

min-damage-ini: 0.0

max-damage-ini: 0.892857



Run Name: run0

Solution Output: out_1_2000

Field: damage

min-damage: 0.0

max-damage: 0.892857

