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On Concentrated Solute Sources in Faulted Aquifers

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Highlights

- Analysis is given for a concentration point source in an aquifer near an inclined fault.
- Sources are 2D, 3D, steady state and transient.
- Novel integral representations are used for axes rotated from aquifer uniform flow lines.
- Detailed benchmark results are given for a 2D steady state conductive fault.
- Plume fault refractive displacements and asymmetry are compared with fault free plume.

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