

# Exploring complex normal faulting systems through physics-based dynamic rupture modeling.

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## 1. Introduction

## 2. Geometry-Settings

Parameters	Range
Gap distance	-5:+1:+5 km
Offset distance	-5:+2.5:+5 km
S (stress/strength)	0.1, 0.2, 0.3
SH <sub>max</sub>	335°:5°:355°

## 4. Jump ? How ? When ? Why ?

Fault fixed

Fault not fixed

## 3. Simulation-Results

## 5. Results

## Refernces