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Mechanism of shear attenuation near the interface under combined compression and shear impact loading

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Highlight:

- 1. The relation between shear attenuation and wave propagation is discussed.
- 2. Destination of state along the wave is pure shear plus a hydrostatic pressure.
- 3. Wave structures in particle velocity space with different loading are obtained.
- 4. The maximal transverse particle velocity is obtained.

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