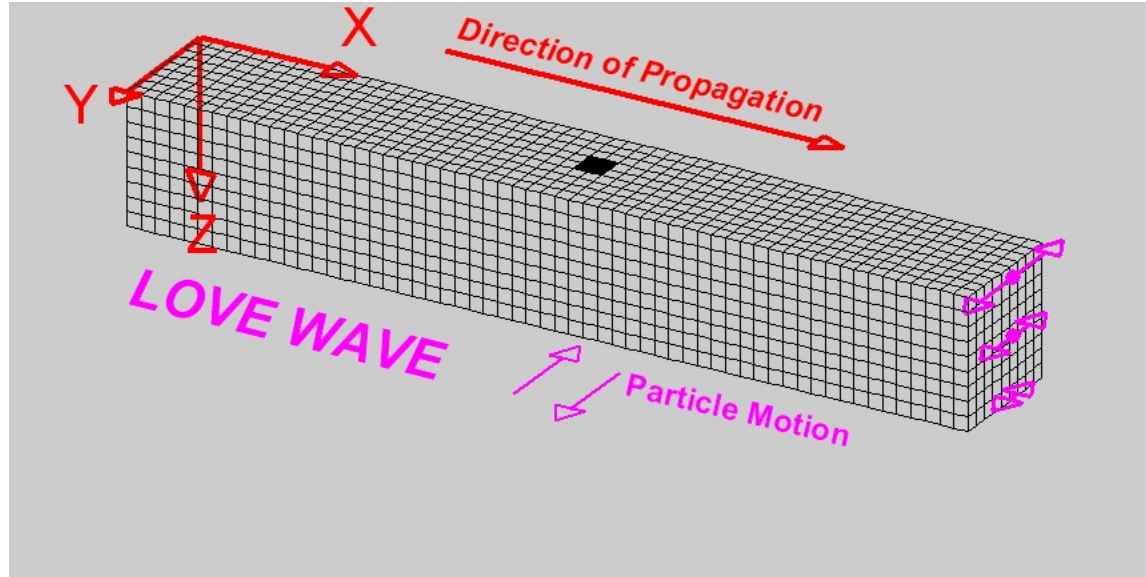


9. Surface waves and normal modes

M. Ravasi

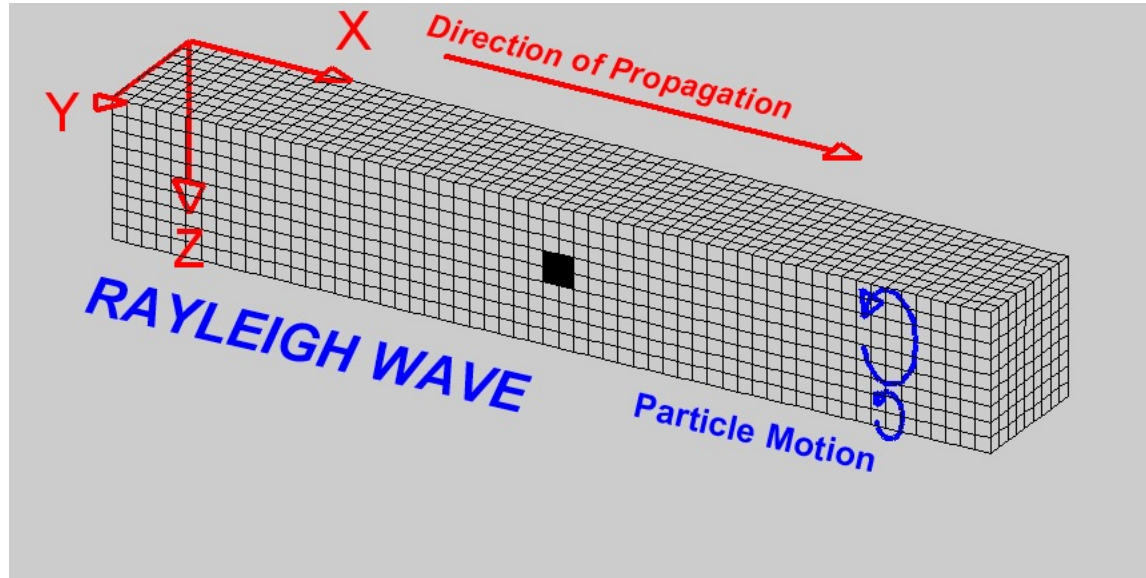
ERSE 210 Seismology

Love Waves



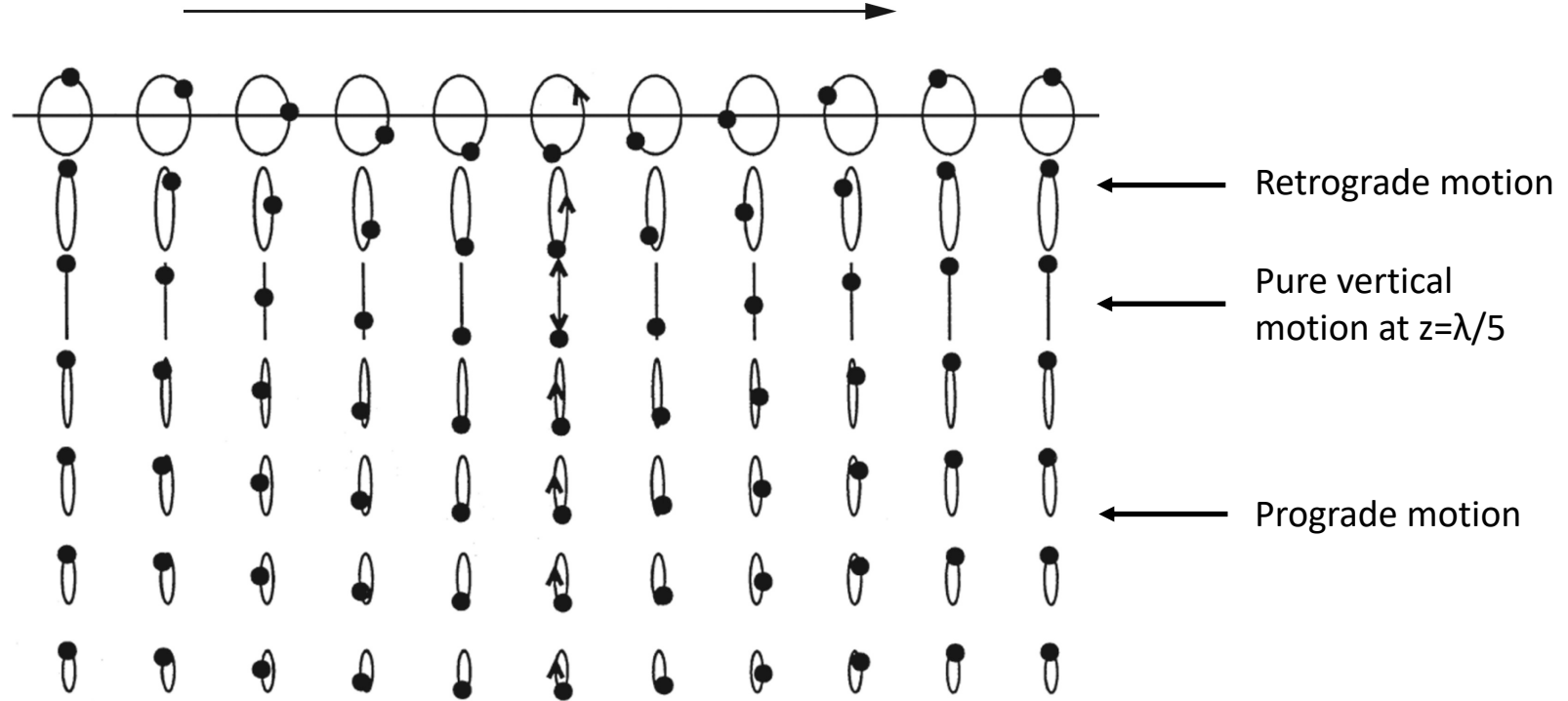
Source: <https://web.ics.purdue.edu/~braile/edumod/waves/Lwave.htm>

Rayleigh Waves

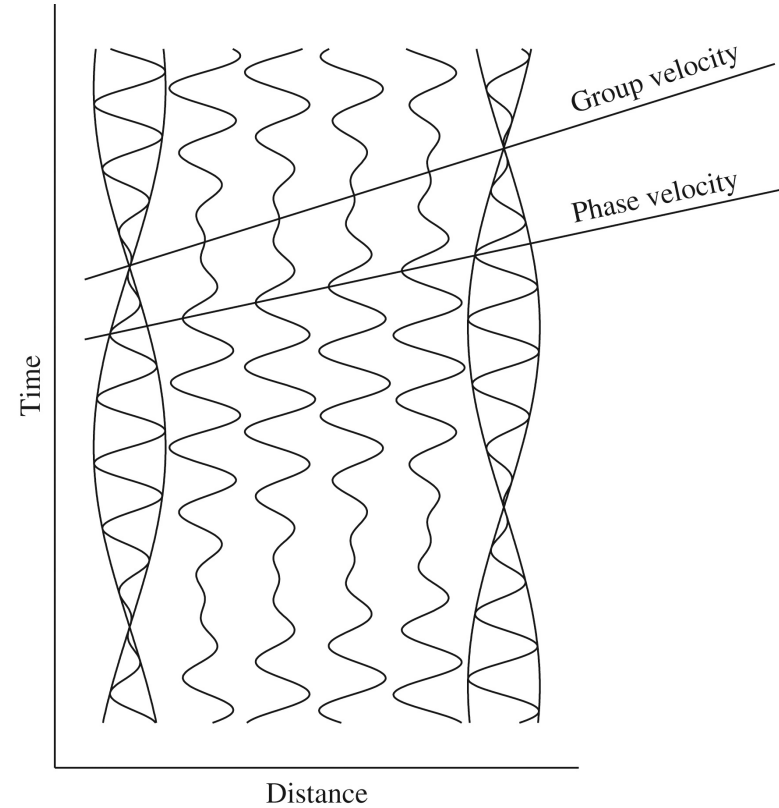
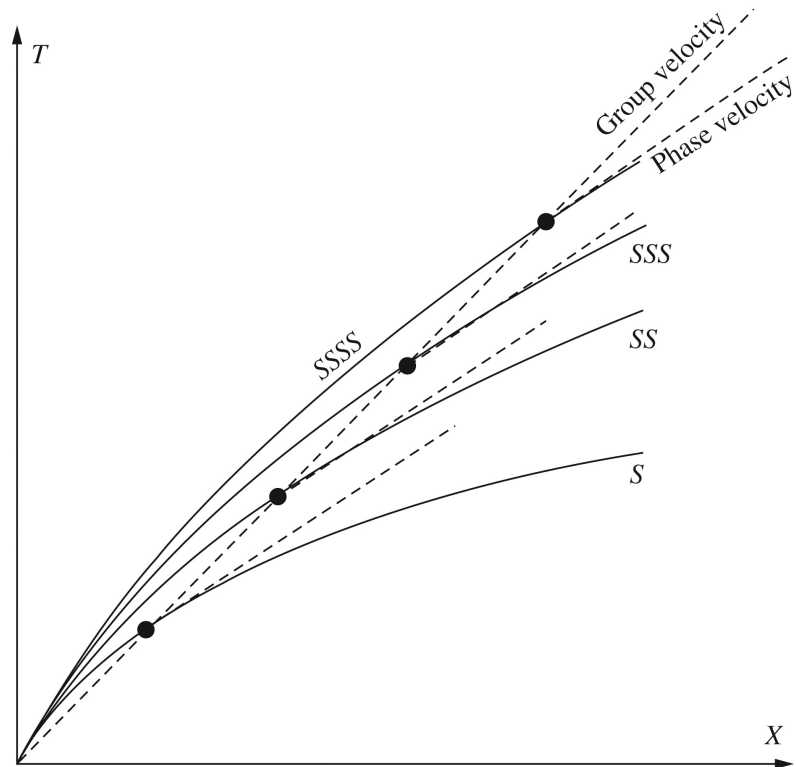


Source: <https://web.ics.purdue.edu/~braile/edumod/waves/Rwave.htm>

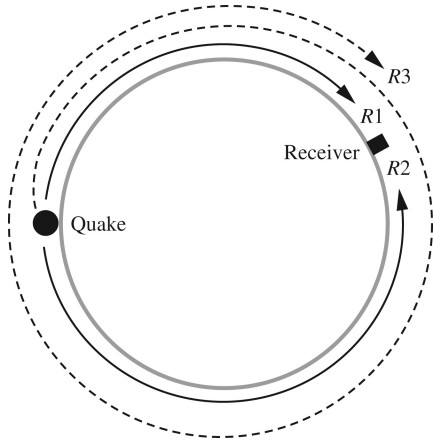
Rayleigh Waves



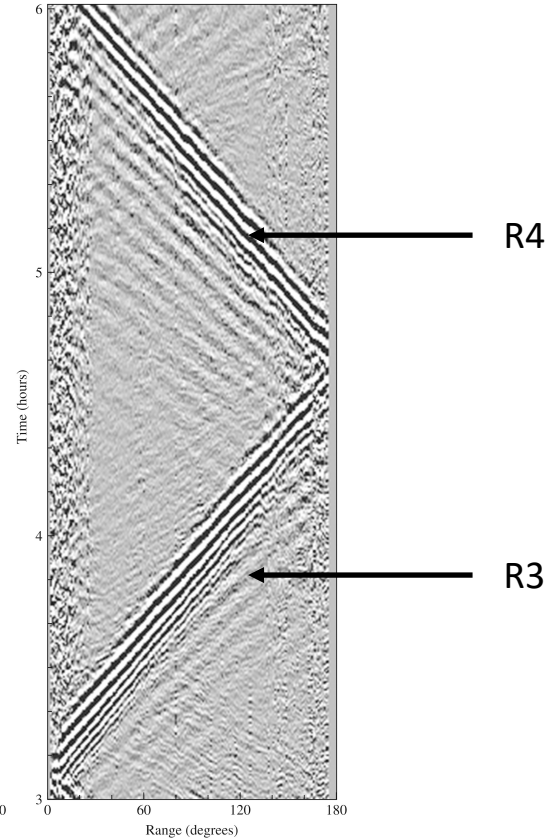
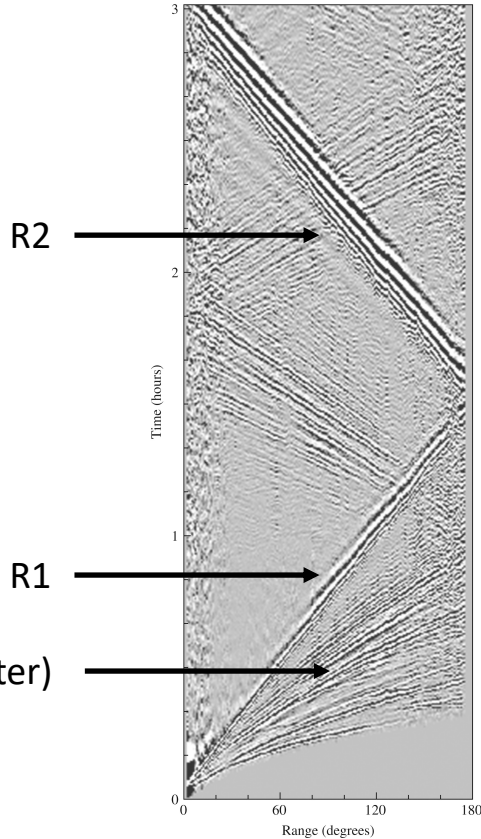
Phase and Group velocities



Surface waves in global seismology



P and S body waves (faster)



Normal modes

