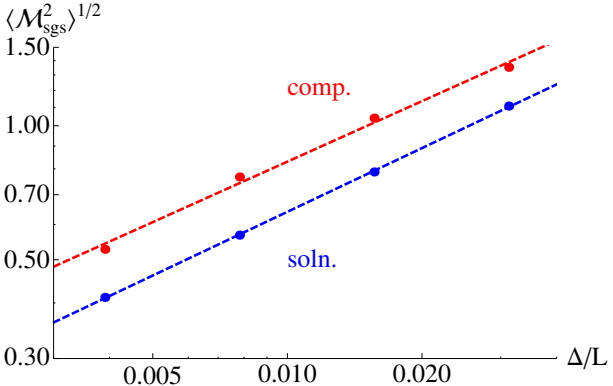
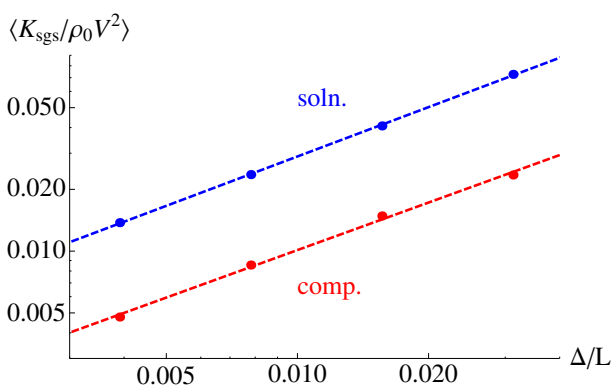


(a) SGS turbulence Mach number



(b) SGS turbulence energy