

$$c_s = 0.9; c_s - 1/c_s = -0.21 \qquad c_s = 2.0; c_s - 1/c_s = 1.50$$

$$c_s = 1.0; c_s - 1/c_s = 0.00 \qquad c_s = 3.0; c_s - 1/c_s = 2.67$$