Lecture 26

Note Title 3/28/2005

Link between B as a fcn of ρ w/ all other params fixed (including q_ε).

$$B \propto \frac{\rho^{\frac{1}{2H-1}}}{(1-\rho)^{\frac{H}{H-\frac{1}{2}}}}$$

When B increases, ρ increases too

$$\mathrm{Var}\left[W_M^{\delta}(t+\delta) - W_M^{\delta}(t)\right] = \mathrm{Var}\left[m\delta + a\left(B_H(t+\delta) - B_H(t)\right)\right] =$$

$$= a^2\,\mathrm{Var}\left[B_H(t+\delta) - B_H(t)\right] = a^2\delta^{2H}$$

HTTP featurism