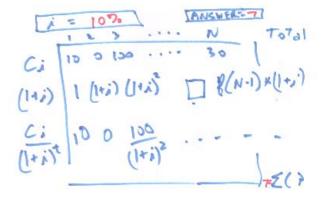
Notes from 1.011, Lecture 7 (February 21, 2003)

Discount Analyses Spreadsheet



Effective v.s. Nominal Rate

The Cool Derivation

$$\frac{n}{p} = \frac{M}{n}$$

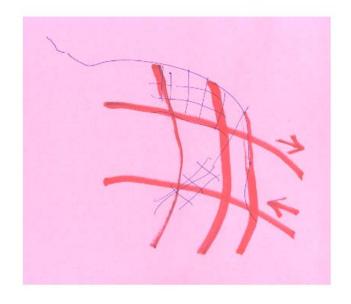
$$[F/P, n, n, 1] = (1 + 1)^{n}$$

$$= ((1 + 1/P)^{n})^{n}$$

$$\lim_{t \to \infty} (1 + t)^{t} = e$$

(See Note on Equivalence)

Proposed Map of Downtown Boston, 1970



Present Economy Fosmulation QR. Calculus Roads understand the idea But - time Value of money of optimization EQUIVALENCE PS# 3 Intricate examples (tending to more intricate) Formulation-Nominal VS, E FFECTIVE Rotes Understand the details. discount (sta (+ 2 SSVMpton) Sersituity Analysis
re in assumptions
re cash flows
cost models mo Intruste option is more cobust But - what about non-Cash, non Financial Very General Puspective Don't get lost in details Ranama Canal