Financial Markets and Instruments - 9/12/12

Wednesday, September 12, 2012 11:30 AM

	PRICE	5 DAY CHG		RANGE:			5 D.4	5 DAYS 🌣 🛪	
Dow	13,365	+329	2.52%					13,365	
Nasdaq	3,110	+35	1.14%	mon	m	5	~		
S&P 500	1,438	+33	2.35%	1		Ĭ			
GlobalDow	1,941	+77	4.15%						
Gold	1,734	+41	2.39%					13 045	
Oil	97.25	+1.88	1.97%	F	м	т	W	10,010	

Screen clipping taken: 9/12/2012 11:32 AM

- Some people are not using banks at all (to avoid fees) (Page A1 of WSJ)
 Uses a debit card from a "nonbank bank"
- Whistleblower from Swedish tax-fraud case against UBS awarded \$104 million
- Exchanges plot fixes for their glitches
- Ongoing problem with Knight capital
- Uncle Sam has an Inflation Deal for you
- Important section to read <u>everyday</u>
- Some Funds Dip Toe back into Egypt
 - Things that happen around the world can have national effects

For next Wednesday's class, get into groups for the second midterm (preferably groups of 4) with 4-6 topics to write about

Chapter 3 - Interest Rates and Security Valuation



 $\begin{array}{ll} n{=}14 & FV = 1,000 \\ PMT = 30 & PV = 802.0271812 \\ \% = 4.88088 \end{array}$

 $(1 + ESR)^2 = 1 + EAR$

Value of Stock: $P_0 = \frac{Div_1}{r-g}$ (short version)

Growing Perpetuity Growing Perp: $PV = \frac{c}{r-g}$ Growing Annuity: $PV = \frac{c}{r-g} (1 - \frac{1+g^N}{1+r})$ $a = \frac{c}{1+r}$ 0 1 2 3 4 5 $x = \frac{1+g}{1+r}$ $PV = \frac{C}{1+r} + \frac{C(1+g)}{(1+r)^2} + \frac{C(1+g)^2}{(1+r)^3}$ $C(1+g)^{3}$ $C(1+g)^4$ + $(1+r)^4$ $(1+r)^5$ ax^3 PV = a + ax $+ ax^{2}$ ax^4 +

 $PV = \frac{a}{1-x} = \frac{\frac{C}{1+r}}{1-\frac{1+g}{1+r}}$

Relation between Interest Rates and Bond Values



Impact of Coupon Rates on Price Volatility





Interest Rate