

# CORPORATE FINANCIAL MANAGEMENT

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## **PART IV CAPITAL STRUCTURE AND DIVIDEND POLICY** **(chapter 12-14)**

# Chapter 12

## CAPITAL STRUCTURE CONCEPTS

# Introduction

1. Concepts
2. Capital structure Theory

# 1. Concepts

## ● Capital Structure Vs. Financial Structure

Capital Structure

Financial Structure

Permanent s-t debt

Total current liabilities

L-T debt

L-T debt

P/S

P/S

C/S

C/S

- Capital Structure Terminology
  - Optimal capital structure
    - Minimizes a firm's weighted cost of capital
    - Maximizes the value of the firm
  - Target capital structure
    - Capital structure at which the firm plans to operate
  - Debt capacity
    - Amount of debt in the firm's optimal capital structure

## ● Capital Structure Assumptions

- Firm's investment policy is held constant
- Capital structure changes the distribution of the firm's EBIT among the firm's claimants

Debt holders Preferred stockholders Common stockholders

- Constant investment policy leaving the debt capacity of the firm unchanged

# 2. Capital Structure Theory

- 问题的提出：资本结构——企业面临的财务决策，研究资本结构（债务/资产）与资本成本（企业价值）之间的关系

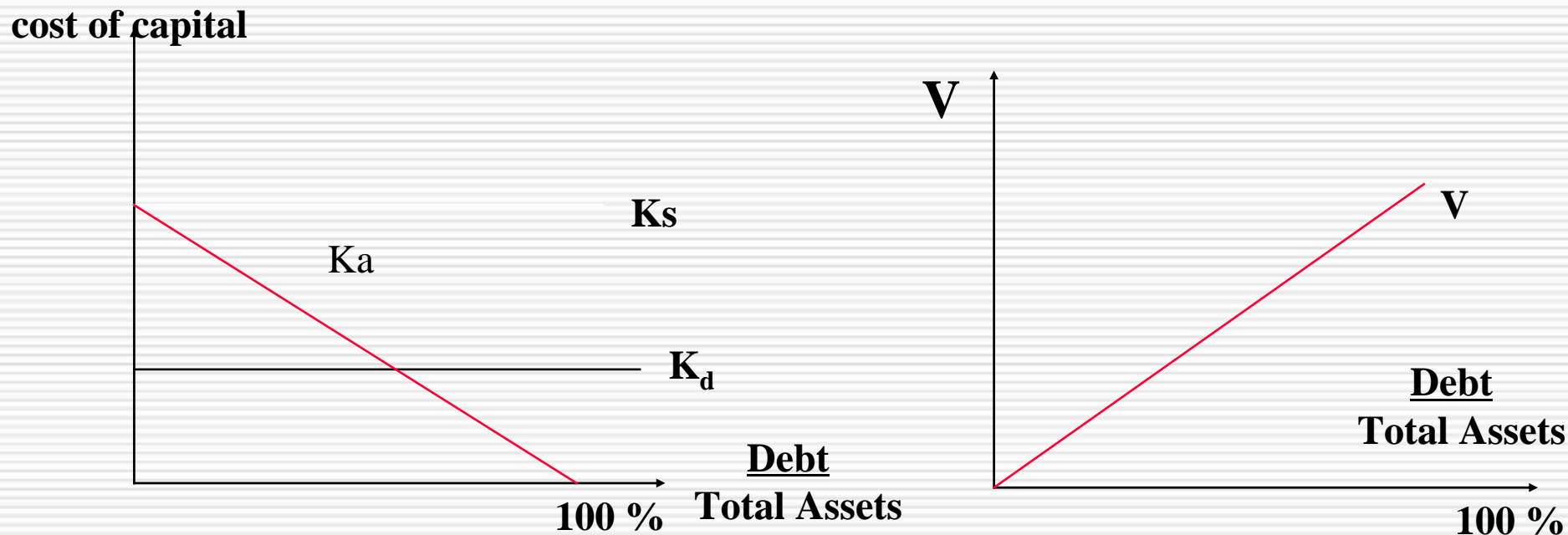
## 课堂案例分析讨论

### 9：美国航空和皇冠公司

- 理论指导实践：资本结构——一个颇有争议的论题
  - Theoretical Perspectives on Capital Structure and Firm Valuation（早期资本结构理论，1958年前）
    - Net Income Theory
    - Net Operating Income Theory
    - Tradition Theory



# Net Income Theory (NI)

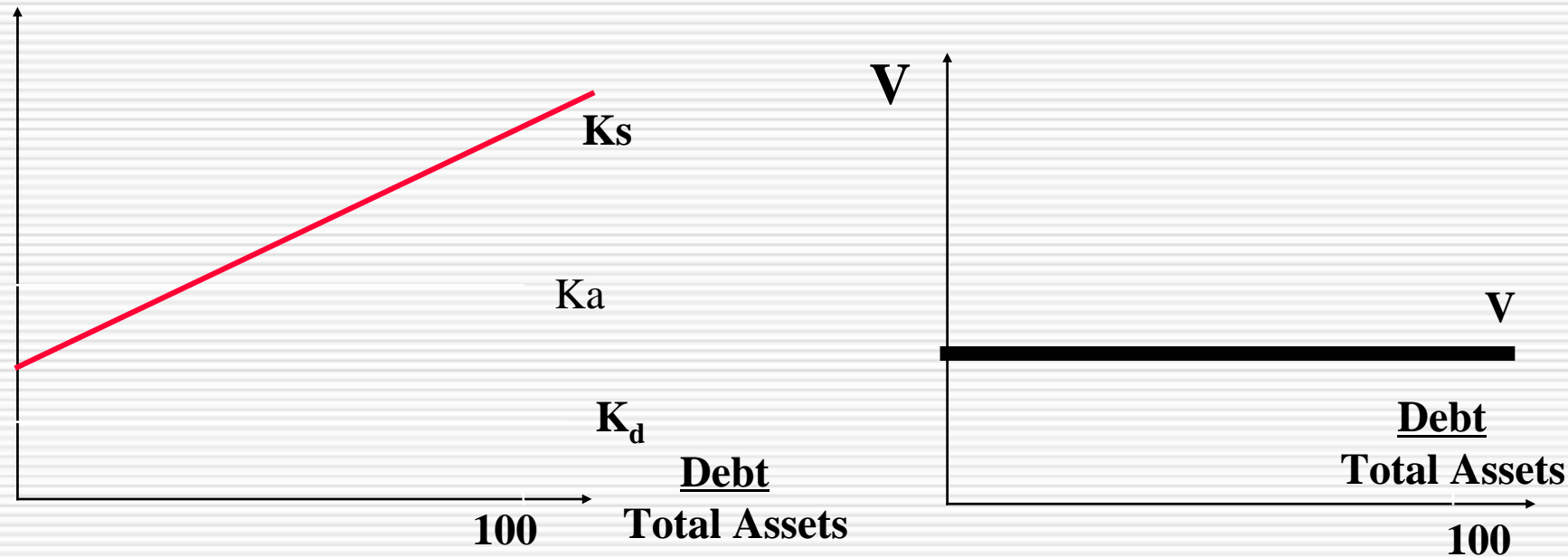


该图表明NI理论揭示了这种关系：

当企业的负债由零趋于100%时，其资本总成本持续下降，企业价值持续上升。所以，若NI的假设是正确的，为使企业价值最大化，企业应使用几乎100%的债务。

# Net Operating Income Theory (NOI)

cost of capital

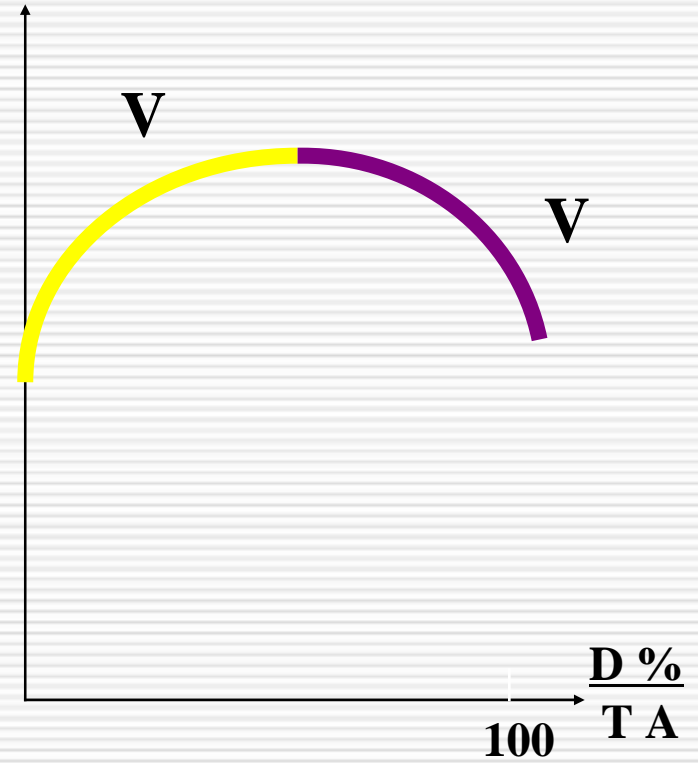
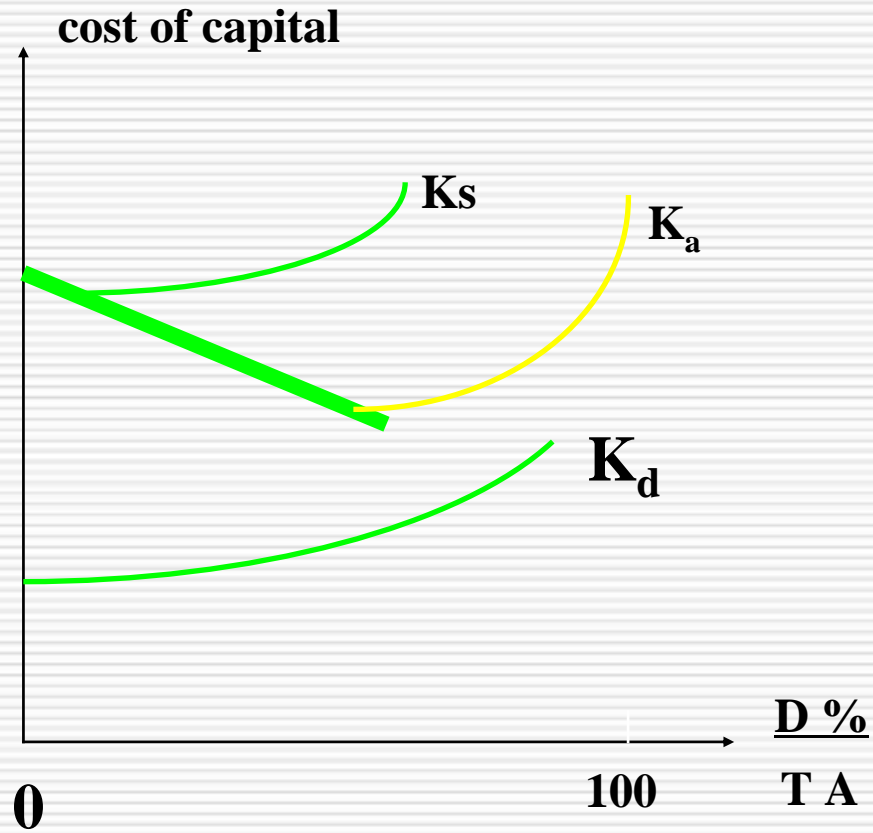


该图表明了NOI的假设及结果：

- 1) 不管企业负债多少，固定的 $K_a$  使企业价值也成为固定值。
- 2) 固定的 $K_a$  和 $K_d$ 意味着负债杠杆会使股东承担的风险增大，则 $K_s$ 增大。

若NOI的假设是正确的，那么资本结构决策就无关紧要。

# Tradition Theory



## – Modigliani and Miller's Analysis (现代资本结构理论, 1958年后)

### (I) MM without a Corporate Income Tax

#### ○ Assumptions:

- ✓ No taxes
- ✓ No transaction costs
- ✓ Individuals and corporations borrow at same rate

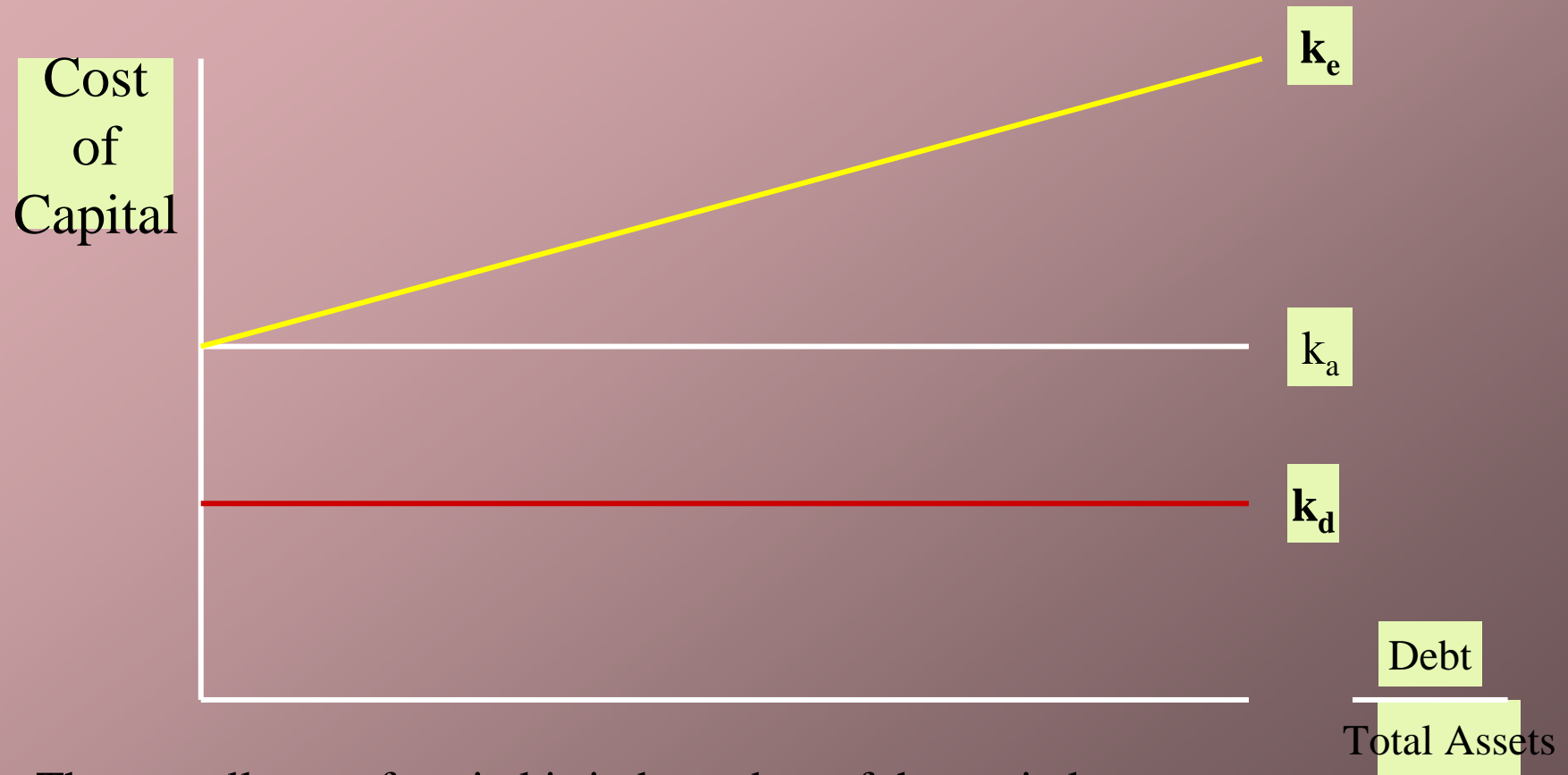
#### ○ Results:

- ✓ Proposition I:  $V_L = V_U (=EBIT/k_a = EBIT/k_{eU})$
- ✓ Proposition II:  $k_{eL} = k_{eU} + B/E(k_{eU} - k_d)$

## o Intuition:

- ✓ Proposition I: Through homemade leverage, Individuals can either duplicate or undo the effects of corporate leverage.
- ✓ Proposition II: The cost of equity rises with leverage, because the risk to equity rises with the leverage.
- ✓ Cost of equity ( $k_{eL}$ ) increases to exactly offset the benefits of more debt financing ( $k_d$ ), leaving the cost of capital ( $k_a$ ) constant see model 1

# Model 1



The overall cost of capital is independent of the capital structure  
The firm's value is independent of the capital structure

## o MM Arbitrage Proof

✓  $V_U = D / k_{eU}$

✓  $V_L = D / k_{eL} + I / k_d$

D paid to L's stockholders are reduced by the amount of I paid on the debt

$k_e$  is higher for L because of the additional leverage-induced risk

The values of U and L are identical due to arbitrage

## ( II ) MM with a Corporate Income Tax

### o Assumptions:

- ✓ Corporations are taxed at the rate  $T$ , on earnings after interest
- ✓ No transaction costs
- ✓ Individuals and corporations borrow at same rate

### o Results:

- ✓ Proposition I:  $V_L = V_U + BT$  (for a firm with perpetual debt) ( $V_U = EBIT(1-T)/k_{eU}$ ,  $V_L = EBIT(1-T)/k_a$ )
- ✓ Proposition II:  $k_{eL} = k_{eU} + B/E(k_{eU} - k_d)(1-T)$   
( $WACC = k_a = k_e * E/V + k_d(1-T) * B/V$ )



## o Intuition:

- ✓ Proposition I: Since corporations can deduct interest payments but not dividend payments, corporate leverage lowers tax payments.
- ✓ Proposition II: The cost of equity rises with leverage, because the risk to equity rises with the leverage.

## o MM Arbitrage Proof

✓  $V_U = D/k_e$

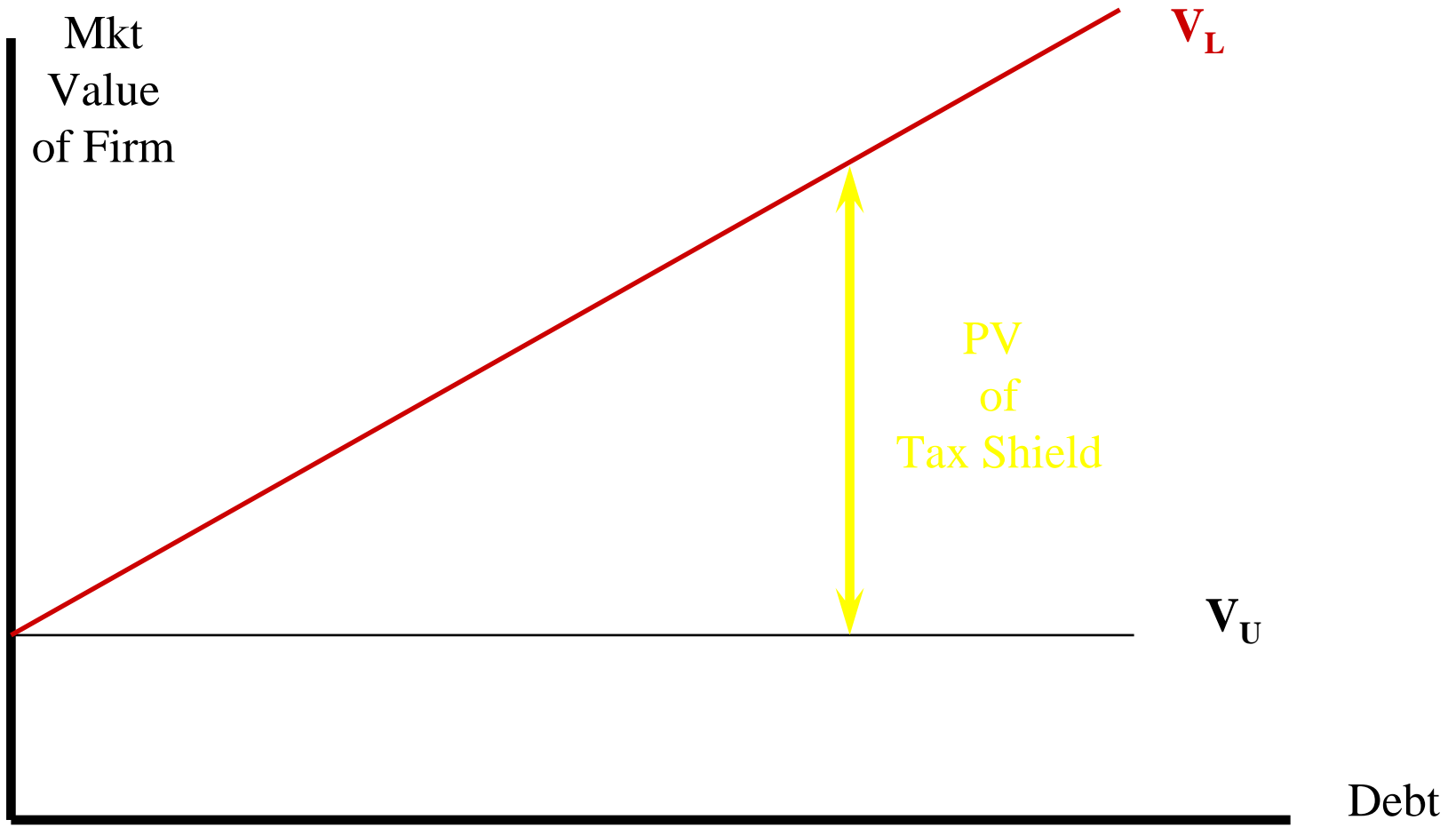
✓  $V_L = D/k_e + I/k_d$

D distributed to U's stockholders are reduced by the taxes paid on operating income and the value of U drops

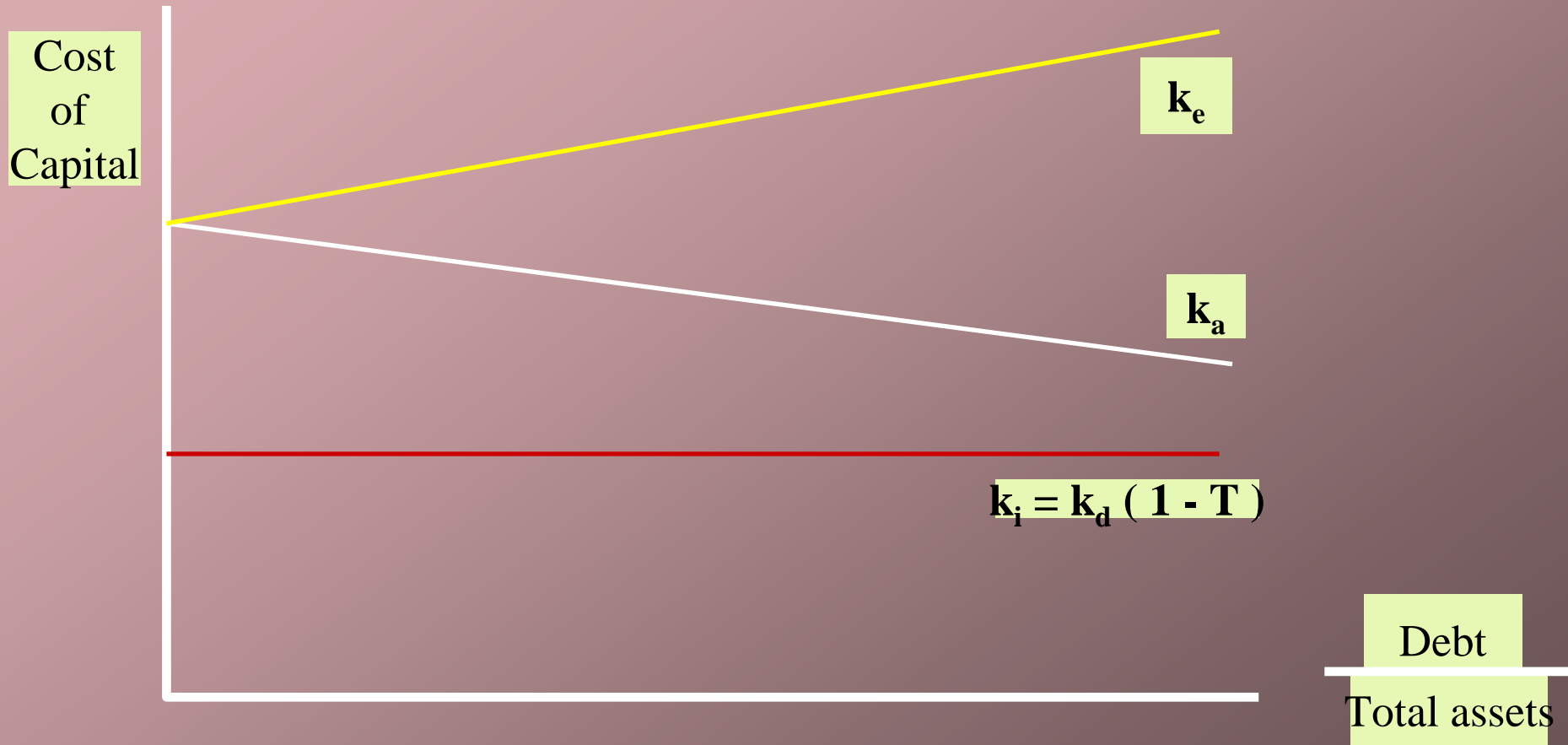
Since I is tax deductible, L realizes a tax savings

PV of tax shield = value of debt ( B ) X tax rate (T)

$$V_L = V_U + \text{Value of Tax Shield}$$



# Model 2



The cost of capital decreases with the amount of debt

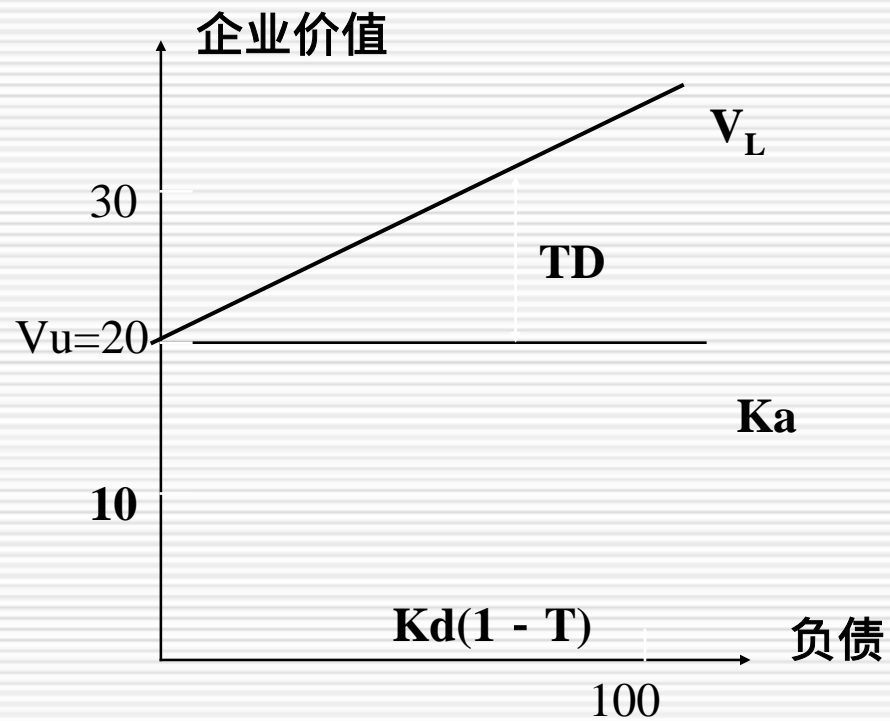
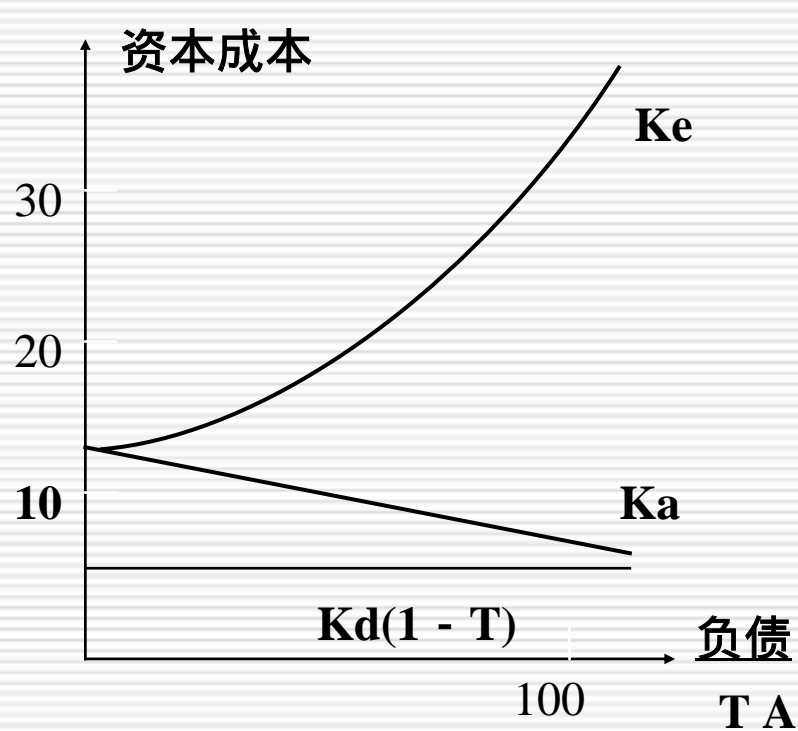
Firm maximizes its value by choosing a capital structure that is all debt

## Case1:

A 公司是一家经济增长缓慢、提供居民饮用水的自来水企业，该公司的经营情况如下：

- 公司目前无负债，其资本全部为股本；
  - 预期 EBIT = \$4,000,000，估计未来不会增长，因此，公司的增长率为零；
  - 公司的税率为 40%；
  - 公司把其收入全部作为股利发放；
  - 如果公司打算举债，可借到利率为 8% 的资金，并且此利率不随负债量而变化；
  - 公司资产的风险和 EBIT 的风险表现为无负债条件下的股东要求收益率 12%，
- 如果公司举债 \$1,000 万元，确定负债条件下的  $K_a$  和  $K_{e_L}$ 。

分析如图所示：



**Case2:**

A is just about to commence operations as an international trading company. The firm expects to earn \$1.2 million earnings before taxes. It is known that the capitalization rate for an all-equity firm in this business is 10%, that is,  $k_{eU}=10\%$ . Further, A can borrow at a rate of 6%. Assume that the tax rate is zero and the MM assumptions apply.

- (1) According to MM, what will be the value of A if it uses no debt? If it uses \$4 million debt?
- (2) What are the values of the WACC and  $k_{eL}$  at debt levels of \$4 million?
- (3) Assume the initial facts of the problem ( $k_d=6\%$ ,  $EBIT=\$1.2$  million,  $k_{eU}=10\%$ ), but now assume that a 40% percent tax rate exists. Find the new market values for A with zero debt and with \$4 million debt. And Find WACC and  $k_{eL}$  at debt levels of \$4 million?

**Solution:**

$$(1) V_L = V_U = \text{EBIT} / k_{eU} = 1.2\text{m} / 10\% = 12\text{m}$$

$$(2) E = V - B = 12\text{m} - 4\text{m} = 8\text{m}$$

$$k_{eL} = k_{eU} + B/E(k_{eU} - k_d) = 10\% + (10\% - 6\%) * 4\text{m} / 8\text{m} \\ = 12\%$$

$$\text{WACC} = 10\%$$

$$(3) V_U = \text{EBIT} * (1 - T) / k_{eU} = 1.2 * (1 - 40\%) / 10\% = 7.2\text{m}$$

$$V_L = V_U + BT = 7.2\text{m} + 4\text{m} * 40\% = 8.8\text{m}$$

$$k_{eL} = k_{eU} + B/E * (1 - 40\%) (k_{eU} - k_d) = 10\% + (10\% - 6\%) * (1 - 40\%) * 4\text{m} / 4.8\text{m} = 12\%$$

$$\text{WACC} = k_e * E/V + k_d(1 - T) * B/V = 12\% * 4.8 / 8.8 + 6\% * (1 - T) \\ * 4 / 8.8 = 8.18\%$$



## ( II ) Capital Structure with a Corporate Income Tax, Financial Distress Costs, and Agency Costs

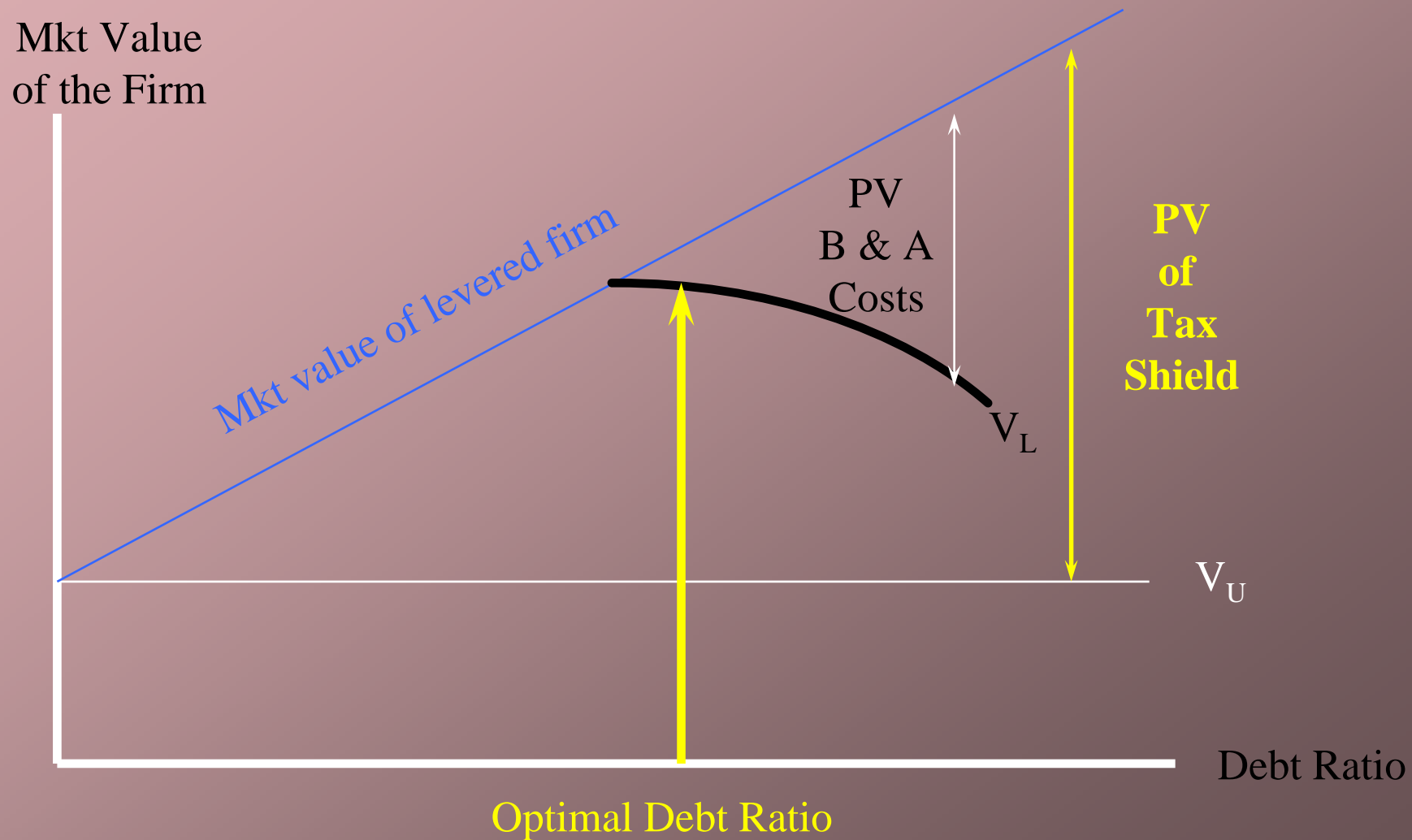
- B & A costs increase with the amount of leverage, eventually offset the marginal benefits from the value of the tax shield
- Market value of levered firm  
= Market value of unlevered firm  
+ PV of tax shield  
- PV of bankruptcy costs  
- PV of agency costs    **See optimal debt ratio slide**

## o Bankruptcy Costs :

- ✓ Lenders may demand higher interest rates
- ✓ Lenders may decline to lend at all
- ✓ Customers may shift their business to other firms
- ✓ Distress incurs extra accounting & legal costs
- ✓ If forced to liquidate, assets may have to be sold for less than market value

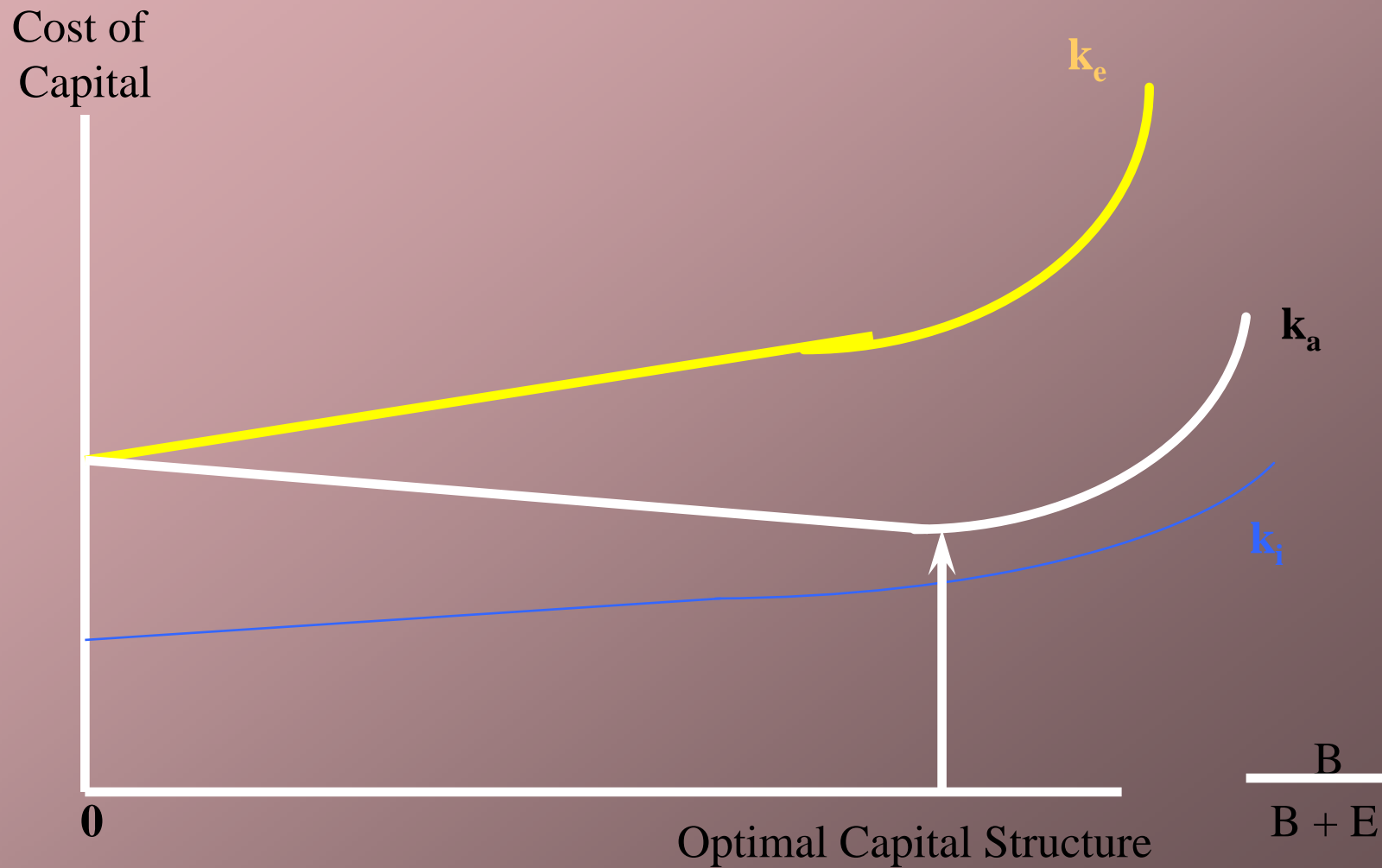
- Agency Costs(Stockholder-Bondholder Relationship) :
  - ✓ Investing in projects with high risk and high returns can shift wealth from bondholders to stockholders
  - ✓ Stockholders may forgo some profitable investments in the presence of debt
  - ✓ Stockholders might issue high quantities of new debt and diminish the protection afforded to earlier bondholders
  - ✓ Bondholders will shift monitoring and bonding costs back to the stockholders by charging higher interest rates

# Optimal Debt Ratio



# Model 3

## Least Cost Capital Structure is Optimal



- Other Impacts on the Optimal Capital Structure
  - Business risk
  - Personal tax effects—Could reverse some tax benefits
  - Industry effects—Profitability and bankruptcy patterns
  - Signaling effects—Asymmetric information
  - Managerial preferences—Pecking order theory

- Business risk: Variability or uncertainty of a firm's operating income (EBIT)
- Factors Influencing a Firm's Business Risk:
  - Variability of sales volume
  - Variability of selling price
  - Variability of cost
  - Amount of market power
  - Extent of product diversification
  - Firm's growth rate
  - Degree of operating leverage ( DOL )
  - Both systematic and unsystematic risk
- Financial risk: Variability of EPS and increased probability of bankruptcy using fixed-cost source of funds
- Factors indicating financial risk:
  - Debt-to asset ratio
  - Debt-to-equity ratio
  - Fixed charge coverage ratio
  - DFL
  - Probability distribution of profits
  - Times interest earned ratio
  - EBIT-EPS analysis

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# 课堂案例分析讨论

## 10：有关国际资本结构的国际比较

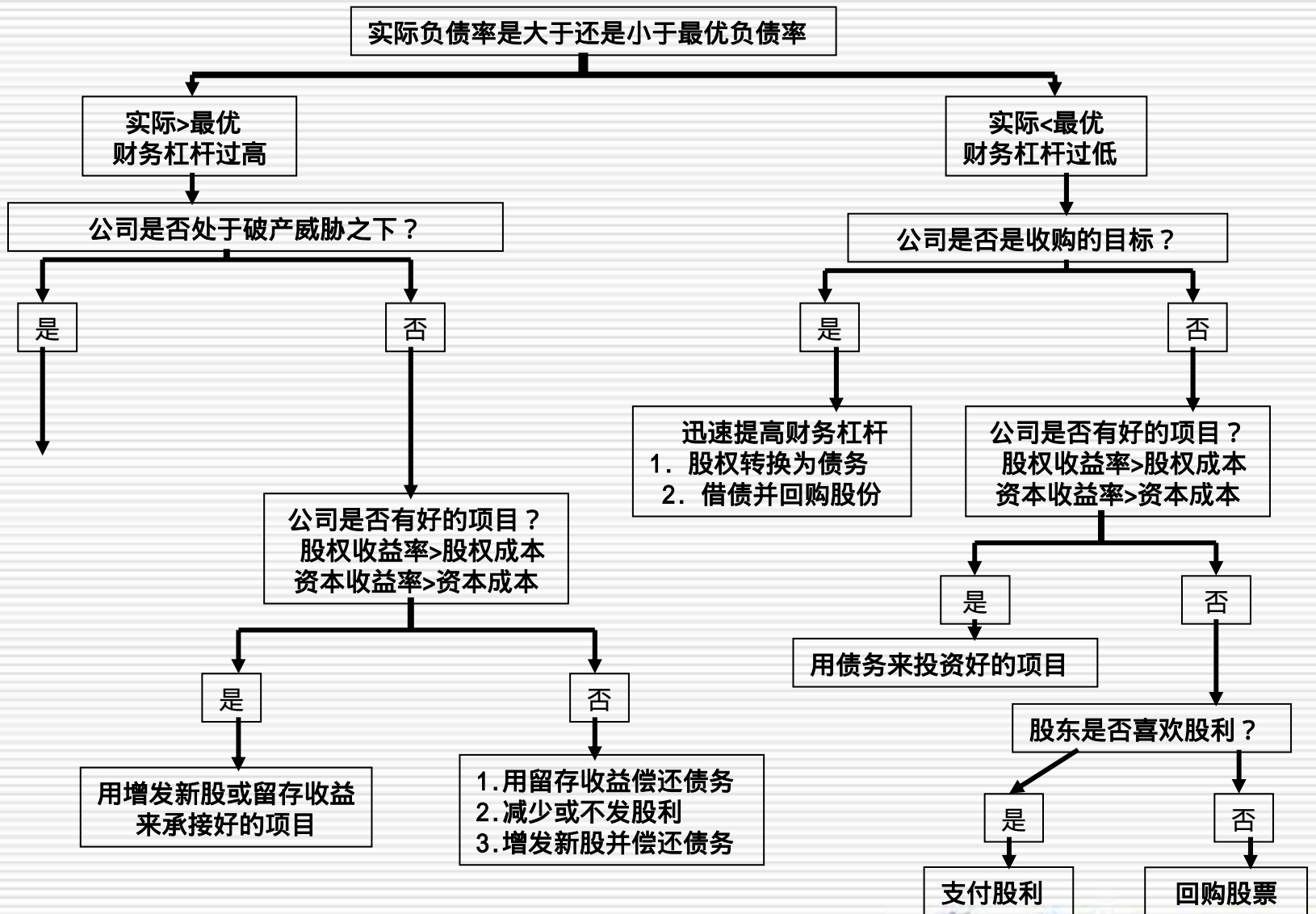


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# 课堂案例分析讨论

11：宁向股东伸手 不要银行贷款

# 资本结构的分析框架



# Chapter 13

## Capital Structure Management in Practice

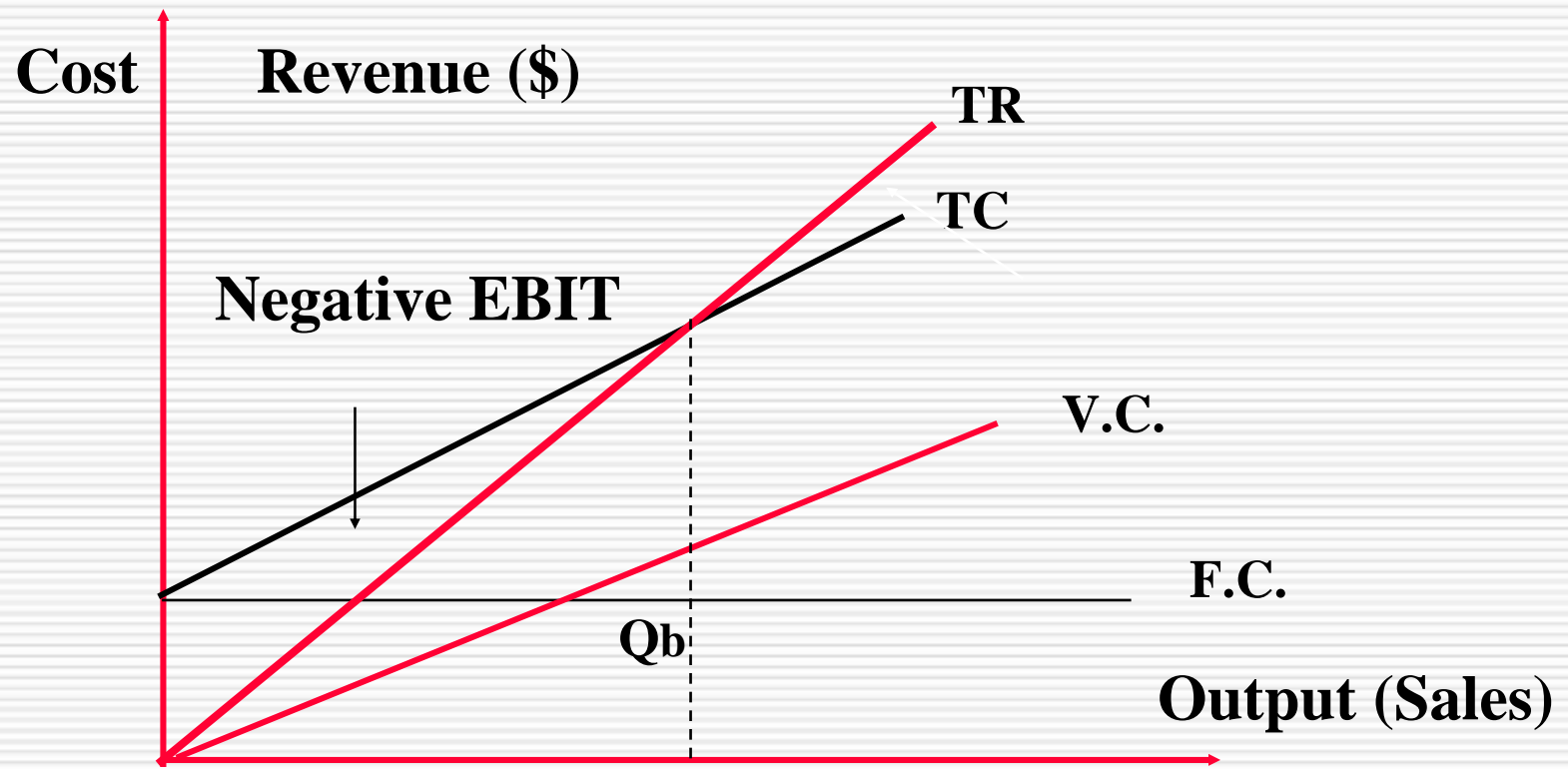
# Introduction

- Breakeven Analysis
- DOL / DFL / DCL
- EBIT-EPS Analysis

# 1. Breakeven Analysis

## 盈亏临界点分析 (本-量-利分析)

- Graphic Method 临界点的图解法



- Algebraic Method 代数方法

因为总收益： $TR = P \times Q$  总成本： $TC = F + v \times Q$

营业利润  $EBIT = TR - TC$

在盈亏临界点  $EBIT = 0$ ， $\Rightarrow TR = TC \Rightarrow P Q_b = F + v Q_b$

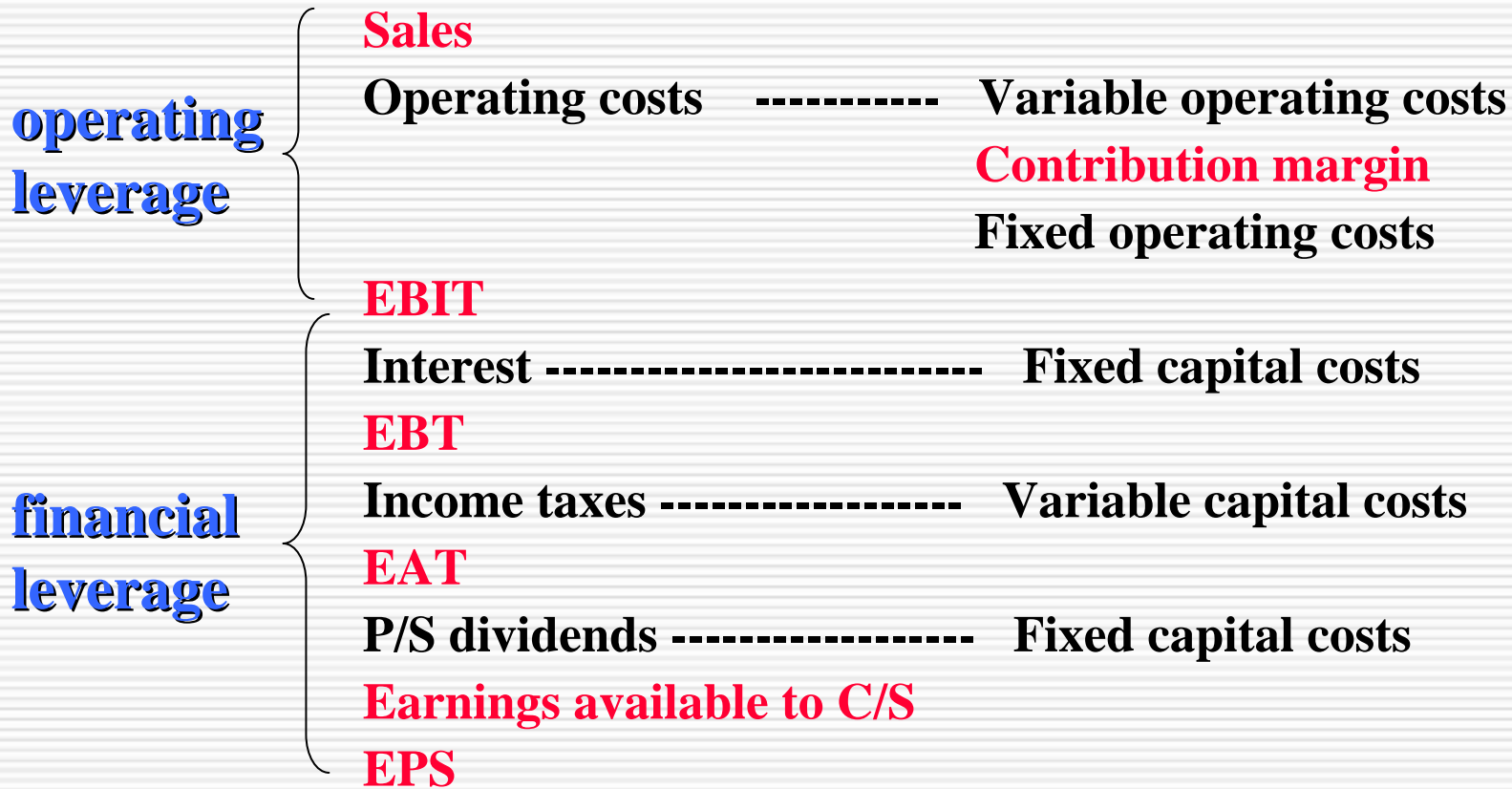
整理得  $Q_b = \frac{F}{P - v}$  或  $(= \frac{F + \text{目标利润}}{P - v})$  (数量)

用货币表示的盈亏临界点  $Cash = \frac{F}{1 - (v/P)}$

## 2. DOL / DFL / DCL

- Basic concepts

- Operating Leverage: Results from fixed operating costs (Costs of sales/General & administrative costs) such that a change in sales revenue is magnified into a relative large change in EBIT
- Financial Leverage: Results from fixed capital costs (Interest charges/Preferred dividends/Income taxes) such that a change in EBIT is magnified into a relative large change in EPS





# Leverage Model

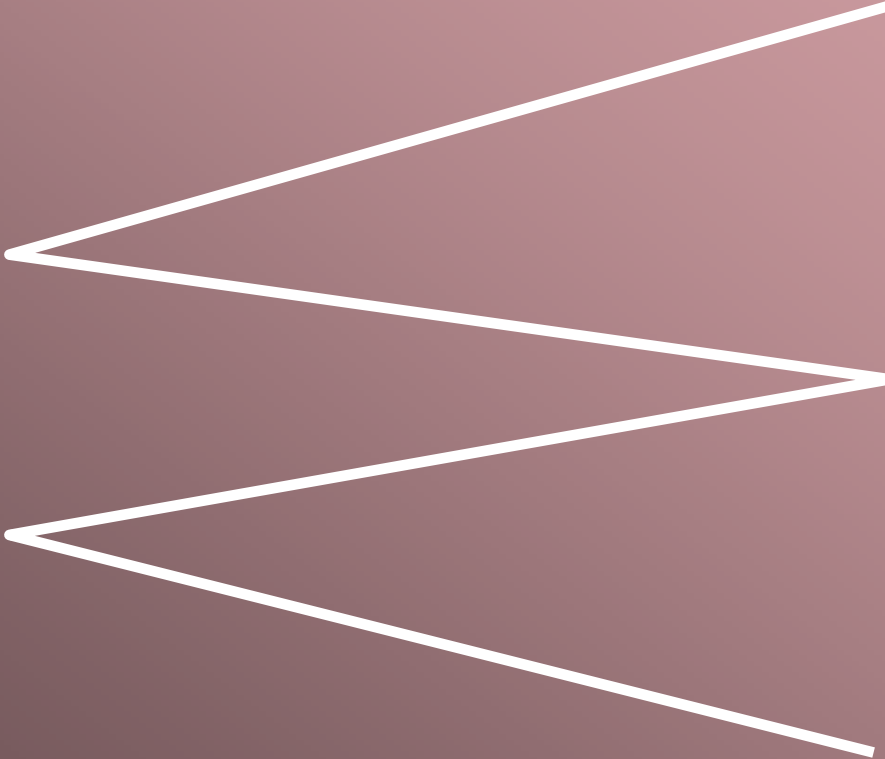
**DOL**

**%  $\Delta$  Sales**

**%  $\Delta$  EBIT**

**DFL**

**%  $\Delta$  EPS**



- Measurement of operating and financial leverage
  - Degree of operating leverage(DOL)
    - Definition: Measured as a % change in EBIT resulting from a given % change in sales
    - Equation:

$$\text{DOL at } X = \frac{\text{Sales} - \text{Variable Costs}}{\text{EBIT}}$$

$$\text{Sales} - \text{VC} - \text{FC} = \text{EBIT}$$

Original values

## derivation

$$\begin{aligned}
 DOL &= \frac{\Delta EBIT / EBIT}{\Delta S / S} \\
 &= \frac{\Delta Q (p - v)}{EBIT} \times \frac{pQ}{p \Delta Q} \\
 &= \frac{(p - v) Q}{EBIT} \\
 &= \frac{S - VC}{EBIT}
 \end{aligned}$$

case3 :

若  $\Delta\text{EBIT}/\text{EBIT} = 36\%$     $\Delta\text{sales}/\text{sales} = 20\%$

$$\text{DOL} = 36\% / 20\% = 1.80$$

经营杠杆程度1.8 表明，利税前收益（营业利润）的增长是销售量（额）增长的1.8倍。也就是说，如销售量（额）增长20%，利税前收益（营业利润）将增长36%。应记住：经营杠杆程度的影响是两方面的。因此，它还表明：营业利润下降是销售量下降的1.8倍，即销售量下降20%，营业利润下降36%。

若DOL=负数，则表明销售量没有达到保本点时，销售量的增加，使得亏损减少。

Case4:

**Q =60,000 units , P=\$10 v=\$1 F= \$240,000**

$$DOL = \frac{60,000(10 - 1)}{60,000(10 - 1) - 240,000} = \frac{540,000}{300,000} = 1.8$$

当 **F=0**, **DOL =1** 说明在不存在固定成本的情况下，销售量与营业利润同比例变动；

当 **F ≠0**, 固定成本的改变将导致**DOL**的变动。因此解释为：在**60,000**单位销售水平上，公司的经营杠杆程度等于**1.8**，即销售量增长**1%**，**EBIT**增长**1.8%**，反之，销售量下降**1%**，**EBIT**下降**1.8%**。

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# 课堂案例分析讨论

12：经营风险导致的财务风险——铱星的陨落

- Degree of financial leverage(DFL)
  - Definition: Measured as the % change in EPS resulting from a given % change in EBIT
  - Equation:

$$\text{DFL at X} = \frac{\text{EBIT}}{\text{EBIT} - \text{I} - \text{D}_p / (1 - T)}$$

**P/S dividends on a before tax basis**

## derivation

$$EPS = [(EBIT - I)(1 - T) - D_p] / N$$

$$DFL = \frac{\Delta EPS / EPS}{\Delta EBIT / EBIT}$$

$$= \frac{\Delta EBIT (1 - T) / N}{[(EBIT - I)(1 - T) - D_p] / N} \cdot \frac{EBIT}{\Delta EBIT}$$

$$= \frac{EBIT}{EBIT - I - D_p / (1 - T)}$$



## Case5 :

$$DFL = 1.27 \quad EBIT = \$2,000,000$$

DFL为1.27表明营业利润从\$2,000,000水平开始，每股收益的变动是营业利润变动的1.27倍。即如选择债务融资，营业利润每增加1%，每股收益将增加1.27%，反之，营业利润下降1%，每股收益将下降1.27%。

如果 $I = 0$ ， $D_p = 0$ ，则表明不管营业利润多少，财务杠杆程度总是等于1，即每股收益随营业利润同比例变动；

如果 $I \neq 0$ ， $D_p \neq 0$ ，则表明企业选择债务和优先股融资，财务杠杆程度大于1，即债务或优先股的运用，使得收益以更大的幅度增加。由于债务或优先股造成财务杠杆大于1，实际的财务杠杆程度取决于营业利润水平。

- Degree of financial leverage(DCL)
  - Definition: Measured as a % change in EPS resulting from a given % change in sales
  - Equation:

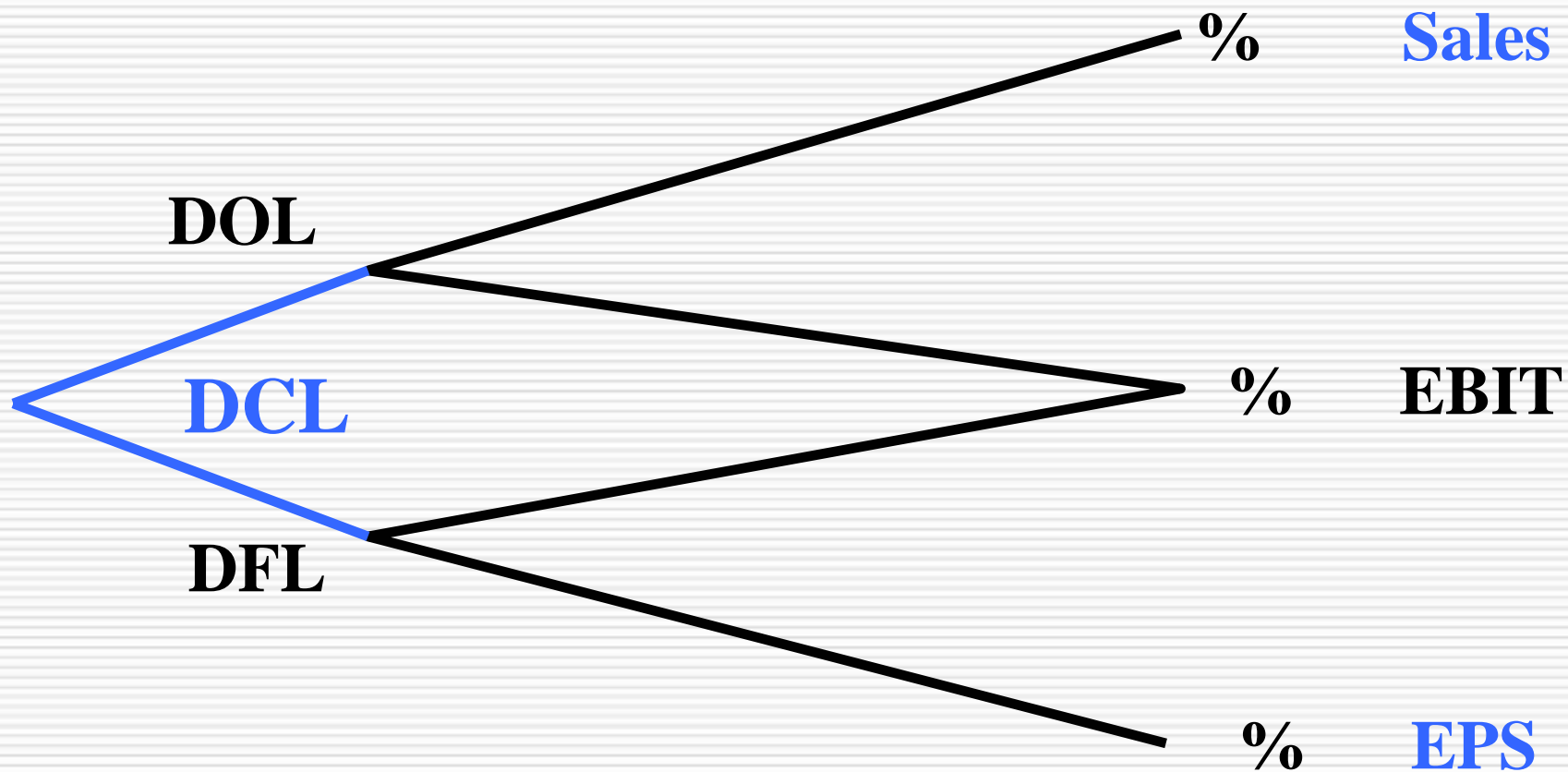
$$\text{DCL at X} = \text{DOL} \times \text{DFL}$$

$$\text{DCL at X} = \frac{\text{Sales} - \text{Variable Costs}}{\text{EBIT} - \text{I} - \text{D}_p / (1 - \text{T})}$$

**The higher I or lower EBIT, the higher DFL.**

See DCL model

# DCL Model



## ABC Company Income statement(ABC公司收益表)

经营杠杆：

决定营业利润

Sales (80,000 units \$2/unit )销售额	\$ 160,000
Fixed Costs 固定成本	60,000
Variable Costs (\$0.80/unit)可变成本	<u>64,000</u>

财务杠杆：

决定企业经营成果如何以每股收益的形式分配给股东

EBIT营业利润	\$ 36,000	
Interest利息	<u>12,000</u>	
EBT税前收益	\$ 24,000	
Taxes(50%税收)	<u>12,000</u>	
Net earnings净收益	\$ 12,000	
EPS(8,000 shares)每股收益(8,000股)		\$1.50

## – DOL & DFL Trade Off

- A firm can trade off operating and financial leverage to control DCL
- A firm with a high DOL may choose a capital structure with a low DFL to avoid a high DCL

# 3. EBIT-EPS Analysis

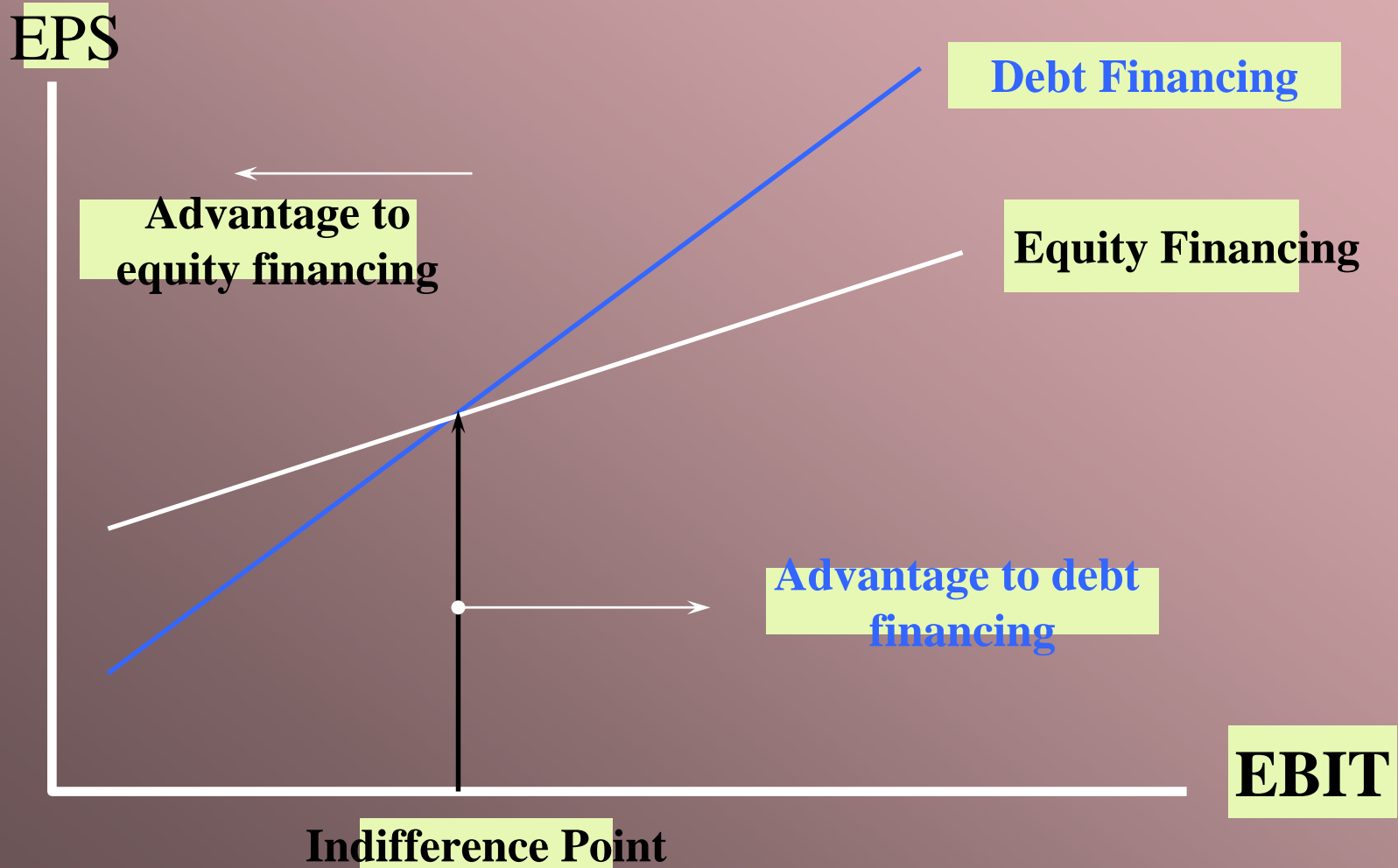
- Technique for comparing alternative capital structures
- Assumption
  - investing policy and dividend policy are constant
  - Disregarding the implicit costs of debt financing
  - The market value of the firm's common stock is affected by EPS
- Results
  - EBIT being constant, we can find out the best decision on capital structure which leads to the highest EPS.
  - EBIT being unknown, we can visualize the impact of different financing plan on EPS over a range of EBIT levels.

- Determine indifference point( the level of EBIT where EPS would be identical under either debt or equity financing)

$$\frac{(\text{EBIT} - I_d)(1 - T) - D_p}{N_d} = \frac{(\text{EBIT} - I_e)(1 - T) - D_p}{N_e}$$

**Debt financing** **Equity financing**

# Graphical Analysis of EBIT - EPS





- Factors Considered in Capital Structure Decisions
  - Tendency to cluster around industry average
  - Need for funds
  - Benchmark leverage ratios
  - Managerial risk aversion
  - Retain control

# Chapter 14

## DIVIDEND POLICY

## **Investment Decisions**

Determine the level of future earnings and future potential dividends

## **Financing Decisions**

Influence the cost of capital, which can determine the number of acceptable investment opportunities

## **Dividend Decisions**

Influences the amount of equity capital in a firm's capital structure and the cost of capital

**No (Taxes, Transactions costs, Issuance costs)**

**Fixed investment policy**

# Introduction

1. Determinants of dividend policy
2. Dividend policy theory
3. Dividend policies in practice
4. Stock dividend and stock split
5. Stock repurchase

# 1. Determinants of dividend policy

- Variations in payout
  - Legal constraints
  - Restrictive covenants
  - Tax considerations
  - Liquidity and CF considerations
  - Earnings stability
  - Growth prospects (IOS)
  - Inflation
  - Shareholder preference
  - Protection against dilution
- ◆ Borrowing capacity & access to capital markets

## 2. Dividend policy theory

- Irrelevance of Dividends Theory(MM)
  - Assumptions
    - No (Taxes ,Transactions costs ,Issuance costs)
    - Fixed investment policy
  - Wealth of a shareholder is not effected by dividend policy
  - Dividend can have informational content
  - Signaling effect
  - Clientele effect

## ● Relevance of Dividends Policy

- Assumptions
  - Relaxed assumptions & dividend policy becomes important
- Risk aversion (bird-in-the-hand theory)(GL)
- Taxes(Tax Preference Theory)(LR)
- Transaction costs
- Issuance ( Flotation ) costs
- Agency costs
- Empirical evidence is mixed
- Many practitioners believe that dividends are important  
Informational content / Expensive external equity

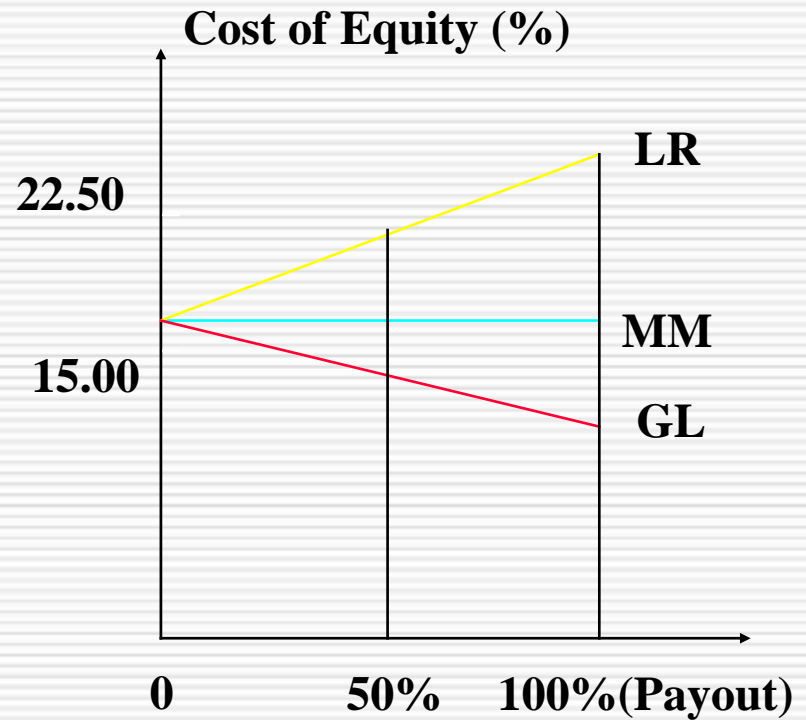
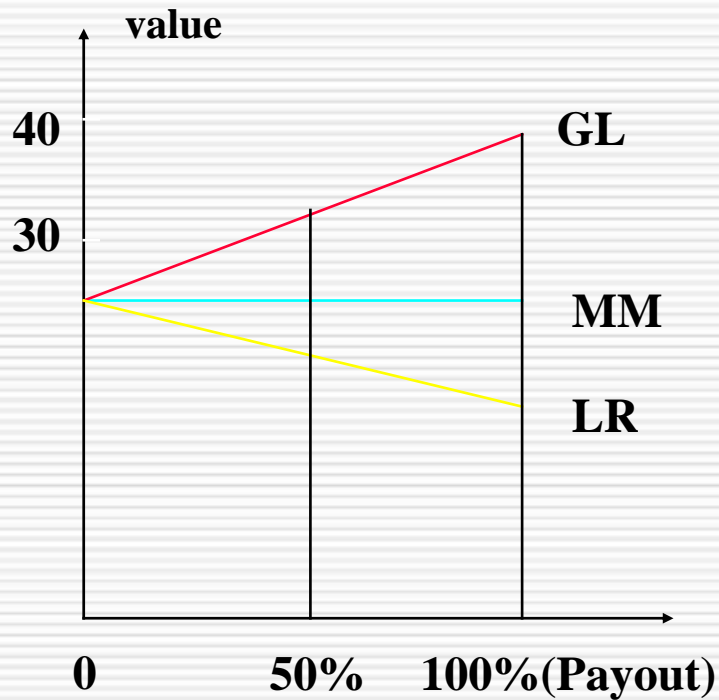
**Case6**：假设一投资者适应的资本收益税为28%，而股利收益税为40%，他正在考虑购买两只股票，有关两只股票的特性如下：

		<u>capital gains yield</u>	<u>dividend yield</u>
<b>Stock G</b>	growth stock	<b>10%</b>	<b>5%</b>
<b>Stock I</b>	income stock	<b>5%</b>	<b>10%</b>

$$P = \$10 \quad KG = KI = \text{capital gains yield} + \text{dividend yield} = 15\%$$



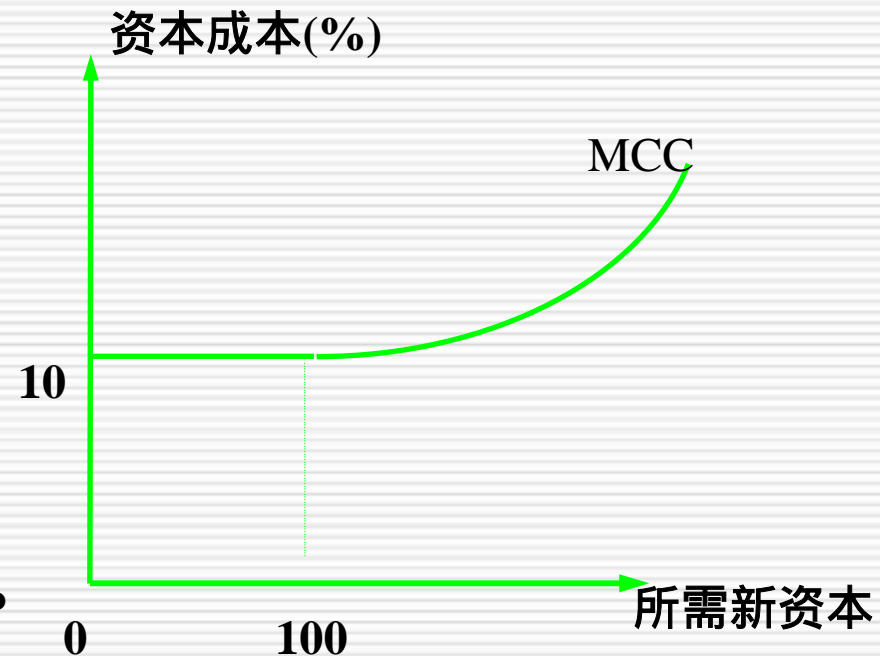
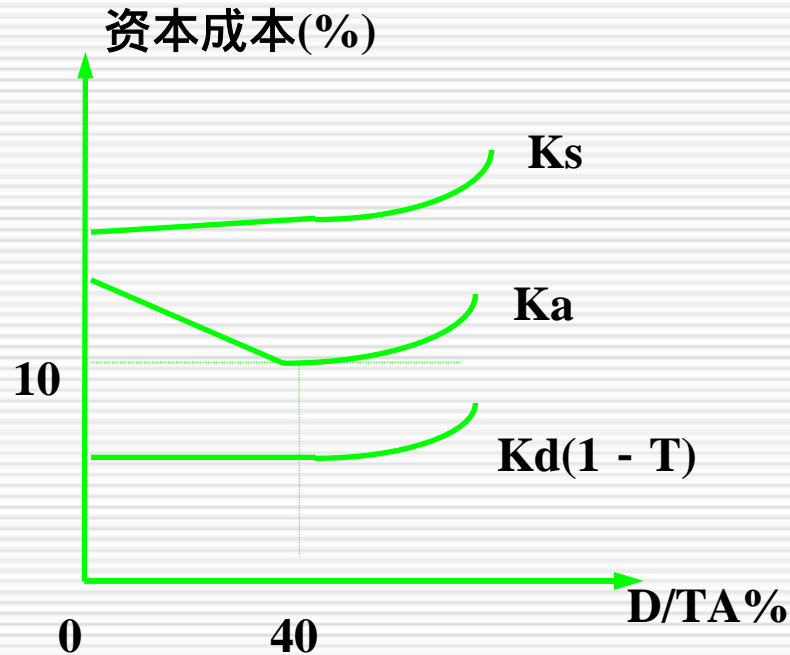
# Difference between MM/GL/LR



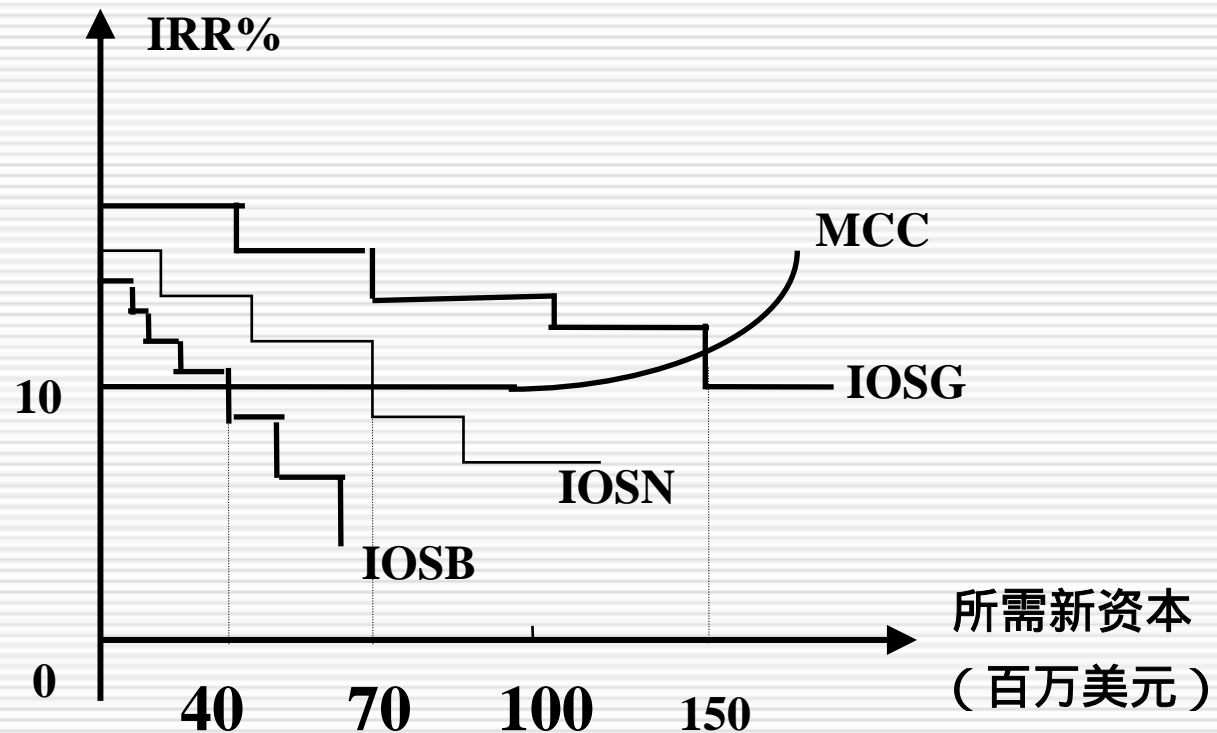
# 3. Dividend policies in practice

- Passive Residual Policy(Residual dividend model)——Setting the Target Pay-out Ratio
  - Suggests that a firm should retain its earnings as long as it has investment opportunities that promise higher rates of return than the required rate
  - Dividends can fluctuate significantly
    - **Depends on the firm's investment opportunities**
  - In practice dividends can be smoothed
  - Growth firms will have low dividend payout

**Case7: Dallas Oil Company (DOC) 达拉斯石油公司有关最佳资本结构如下：**



假设DOC有6千万美元的净收益，在满足最佳资本结构的条件下，怎样确定目标支付率？



- **Stable \$ Dividend Policies**
  - **Reluctance to reduce dividends**
  - **Increases in dividends tend to lag earnings**
  - **Desirability**
    - Information content
    - Many shareholders depend on dividends
    - Stability tends to reduce uncertainty
    - Legally desirable

- **Constant Payout Ratio**
  - Pays a constant % of earnings as dividends
  - Fluctuating dividends
- **Small Regular Dividends Plus Extras**
  - Stockholders can depend on regular payout
  - Accommodates changing earnings and investment requirements
- **Small Firms and Dividends**
  - Tend to pay out a smaller % of earnings
  - Rapid growth and limited access to capital markets

## ● Payment Procedures

### – Declaration Date

- Board of directors announce a dividend

### – Record Date

- Shareholders of record will receive dividends

### – Ex-dividend Date

- 4 business days **before** record date [2 days/NYSE]

### – Payment Date

- Dividend checks mailed or direct deposited

## ● Dividend Reinvestment Plan

- Cash dividend reinvested automatically into additional shares
- Purchase new or existing shares
  - Purchasing new shares raises new equity capital for the firm
- Advantage
  - No brokerage commissions
- Disadvantage
  - Income tax liability



# 4. Stock dividends and Stock splits

- Stock dividends
  - Payment of additional shares of C/S
  - Effects of declaring stock dividends
    - Increases the number of shares outstanding
    - Accounting transaction: Transfer pre dividend market value from retained earnings to other stockholders equity
    - Market price of C/S should decline in proportion to the # of new shares issued

## – Reasons for Declaring a Stock Dividend

- Broaden the ownership of the firm's shares
- May result in an effective increase in cash dividends Provided the level of cash dividends is not reduced
- Reduction in share price may broaden the appeal of the stock to investors Resulting in a real increase in market value

## ● Stock Splits

- Stock splits are similar to stock dividends
- Increases the number of shares outstanding
- Reduces the price of each outstanding share

# 5. Share repurchases

- By a tender offer, in the open market, or by negotiation with large holders
- Treasury stock
- Reduces the number of shares outstanding/Increases EPS
- Usually announced
  - So investors know the reason for additional trading
  - So investors can wait for anticipated price increase
- Ignoring taxes, transaction costs, and other market imperfections, shareholders should be indifferent between equivalent returns from cash dividends and share repurchases.

## ● Advantages and disadvantages

### ● Advantages

- Converts dividend income into capital gains
- Greater financial flexibility
- Signal effect

### ● Disadvantages

- Company may over pay for the stock
- Trigger IRS scrutiny tax avoidance
- Some current stockholders may be unaware

...continued

# 课堂案例分析讨论

13: 对福特、通用、克莱斯勒股票回购的反思

...continued

# 课堂案例分析讨论

13: 苹果计算机——首次股利政策的确定

# 苹果公司案例讨论

	1986	1990	1986-1990	1997	1990-1997
	年增长率			年增长率	
销售收入(百万美元)	\$1,902	\$5,558	31%	\$7,081	4%
净收益 (百万美元)	154	475	33	-379	NA
投资额 (百万美元)	66	223	36	63	-16
股票价格	\$ 20	\$ 48	24	\$24	NA
长期债务(百万美元)	0	0	0	950	NA
每股股利 (美元)	0	\$0.45		0	-100

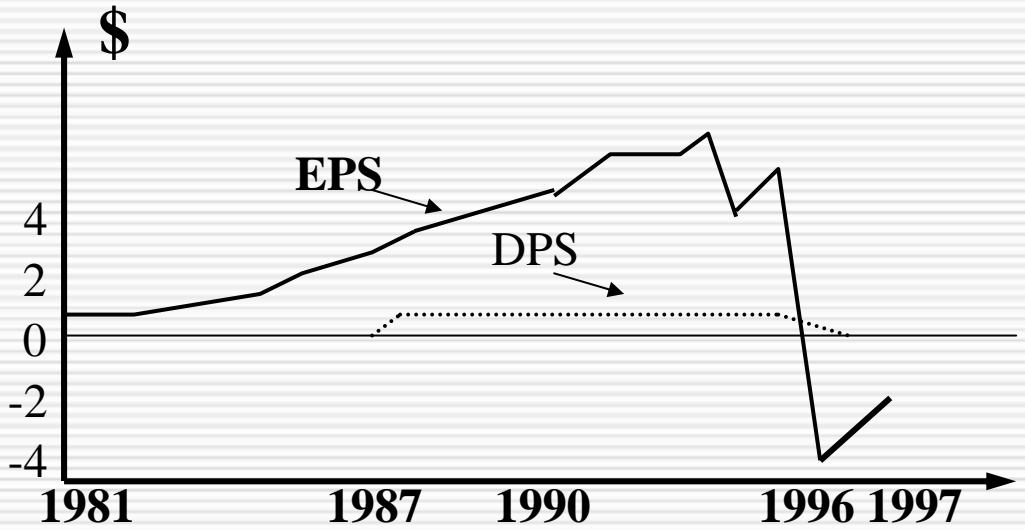
- 问题：
- 1、为什么苹果公司决定支付股利？
  - 2、为什么苹果公司宣布现金股利同时又宣布1：2股票分割？
  - 3、发放首次股利是苹果公司的最佳决策吗？

## 后续的故事：

1990年以后至1997年是苹果公司的困难期。

1996年和1997年都出现亏损.....

1996年，苹果的股利彻底停发了。





## 4、苹果公司为什么在1996年停放了股利？

结论：从苹果公司1981年-1997年股利行为图看出，苹果公司的股利比其盈利更为稳定。这也是多数公司典型的股利政策模式。当公司遭受巨大损失时，稳定的股利不可能永远坚持下去，如果亏损持续，大多数公司最终便削减股利。

1998年，苹果公司东山再起……

# 确定初始股利政策的利与弊

## 有利方面

- 现金股利分配能使公司良好业绩得到增强，支持股价上升。
- 股利可吸引愿意有股利回报的机构投资者。由于企业有进入较广市场的能力，机构和个人投资者的组合，使企业能以较低成本筹资。
- 宣布初始股利分配通常使股价上升
- 股利分配可吸收多余的现金流量，从而可降低代理成本。

## 不利方面

- 股利要作为一般收益上税。
- 股利减少内部融资。股利促使企业放弃NPV为正的项目，或依赖较高成本的外部权益融资。
- 股利政策一旦建立，股利削减很难了，或者削减股利对公司股价的影响是不利的。

# 股利政策分析框架

