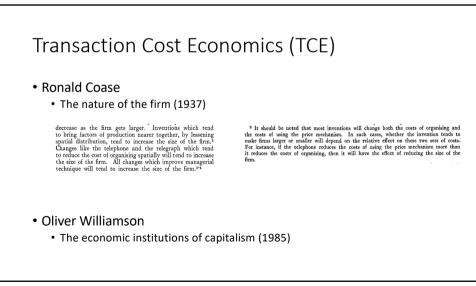


# Transaction cost economics (TCE)



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#### Theory of transaction costs

- Transaction
  - A whole exchange process and its legal and contract environment; a transaction between parties and the contract covering it
- Transaction costs
  - Friction of the economic system costs related to performing the transaction, other than production costs
- Goal
  - A structure of industries and companies where the sum of the transaction and production costs is minimized



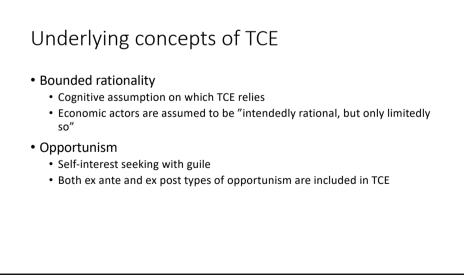
# Basic concepts of the transaction cost approach

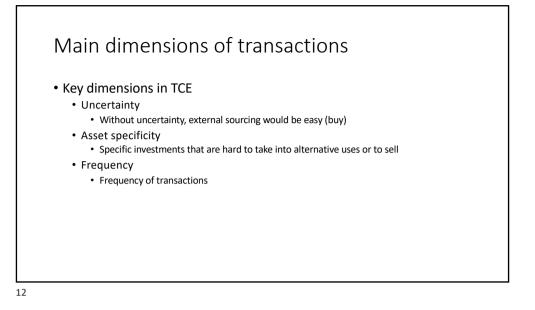
- How to efficiently source products and services?
  - Make or buy?
  - Market, hierarchy or something in between?
- Company/hierarchy
  - A supplement to the market mechanism that has been created to minimize transaction costs

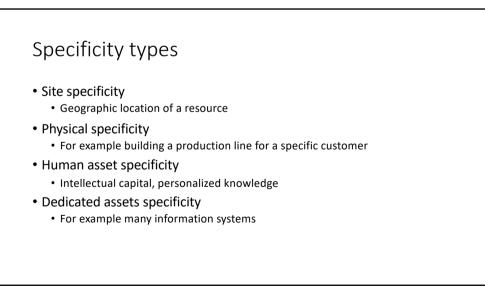
# Hierarchy or markets?

- Coordination can take place either through markets or through hierarchies
  - Hierarchy (make)
    - Product characteristics and prices are decided inside the organization
  - Markets (buy)
    - Prices are settled on the market
    - Without transaction costs all economic activities could be performed through markets

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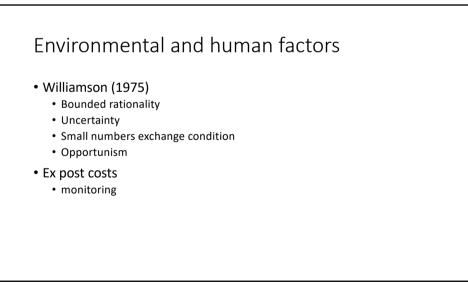


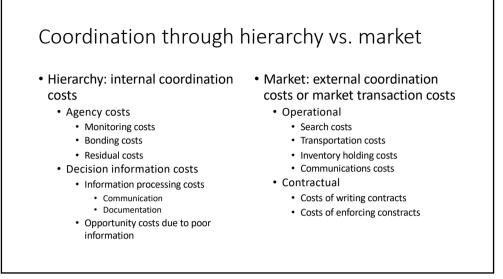


# Organizing of transactions

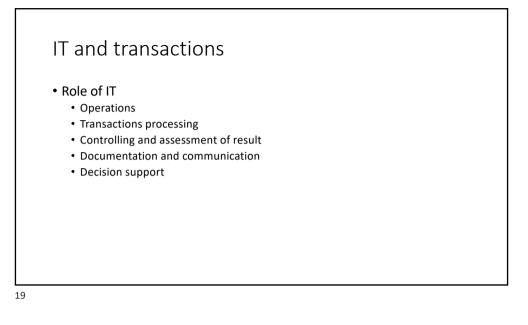
- Ex ante transaction costs (Coase 1937, pp. 390-391)
  - Finding a market price
  - Negotiation
  - Making a contract
  - Length of contract
- A company is there to lower transaction costs

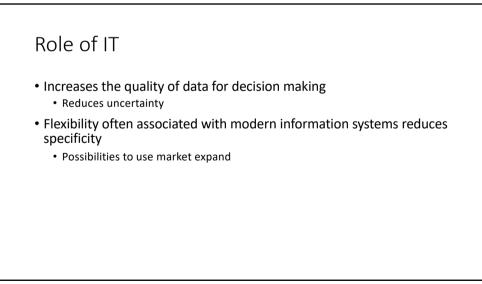
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	Asset specificity	
-		
Frequency	Non-specific	Specific
Occasional	Market governance	Bilateral or trilateral governance
Recurrent	Market governance	Hierarchy

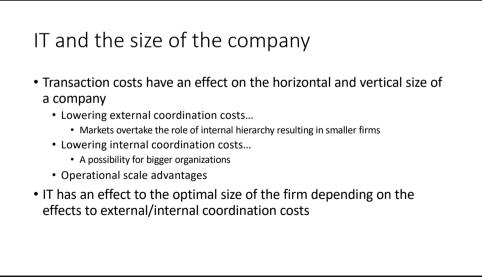




#### Effect of IT

- IT and decision making
  - Decision rights should be located where the sum of agency costs and decision information costs are minimized
  - IT makes decision making more efficient
    - Centralization of decision making (example centralized purchasing processes)
  - IT makes controlling more easy and lowers agency costs
    - Decentralization of decision making

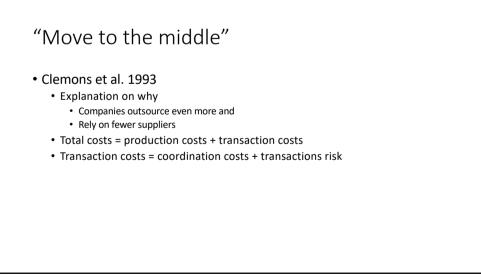




### Summary

- Information processing and acquisition has a deep effect on cost structure of any company
  - These costs can be lowered through IT
- A company can grow because of lower internal transaction costs
- On the other hand, IT can lower market transaction costs

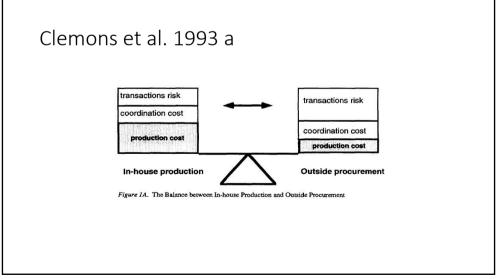
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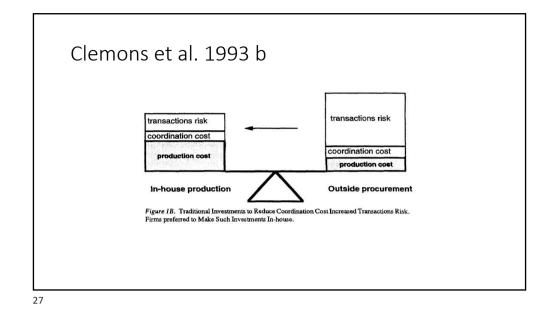


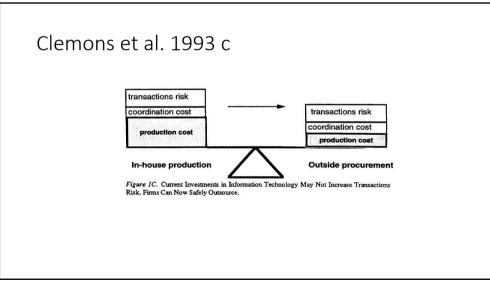
#### Production and transaction costs

- Production costs
  - Costs of producing the goods or the service
- Coordination costs
  - Costs of exchanging product and demand information
  - Actions to reduce uncertainty in the information
- Transactions risk
  - Possibility that suppliers underperform the contractual responsibilities (incomplete contracts or information asymmetries)
  - Sum of asset specificity, small number bargaining, and loss of resource control









# Move to the middle hypothesis

- Scale advantages of outsourcing
- Transactional scale advantages, many costs are lowered
  - Fixed cost of setting up a relationship
  - Search costs
  - Supplier-specific investments



#### Outsourcing models

- Domestic outsourcing refers to contracting with a third party who is situated in the same country as the client organization for the completion of a certain amount of work, for a specified length of time, and at a certain cost and level of service.
- Offshore outsourcing, on the other hand, refers to outsourcing arrangements with vendors who are situated in a different country from the client organization.
- Captive models refer to the strategic choice to locate organizational activities within a wholly owned subsidiary in another country.

Oshri, Kotlarsky, Willcocks (2011) The handbook of global outsourcing and offshoring

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