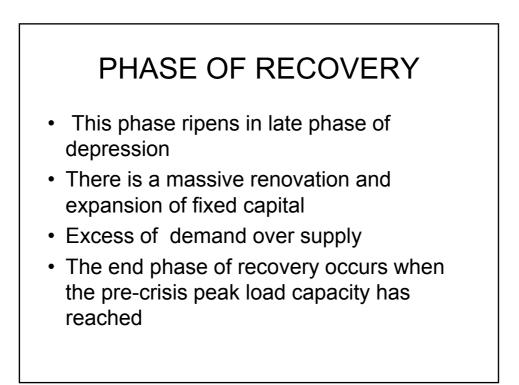


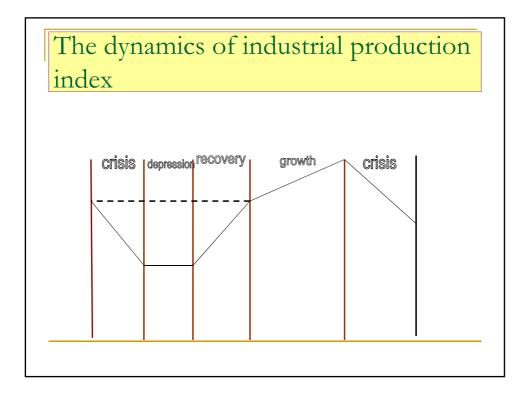


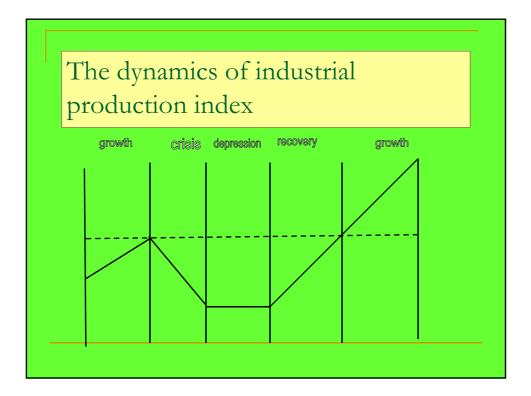
- Depression phase is prepared by the phase of crisis
- For the duration depression phase is the shortest phase of the cycle (about 3-6 months, not more)
- All indicators of economic conditions are in a stagnant, i.e. remain at its level they reached, without moving in one direction or another, but the indicator "encrease-decrease in inventories" continues to decline

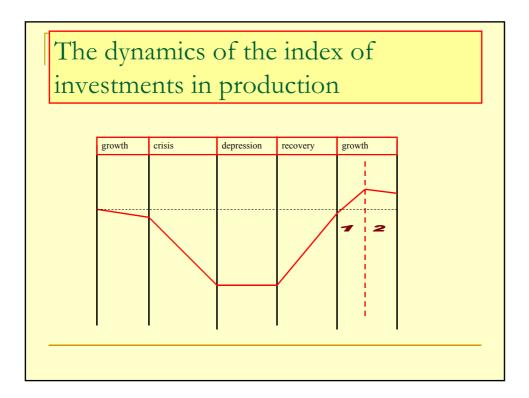


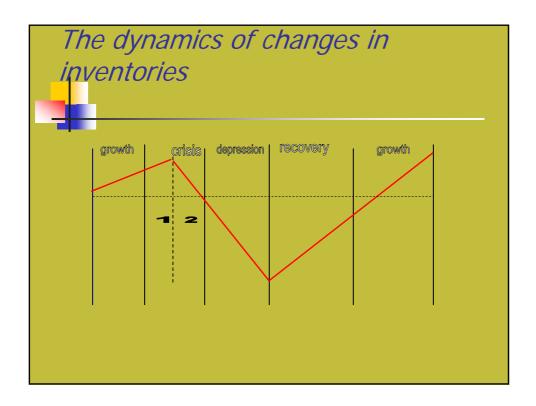
## PHASE OF GROWTH

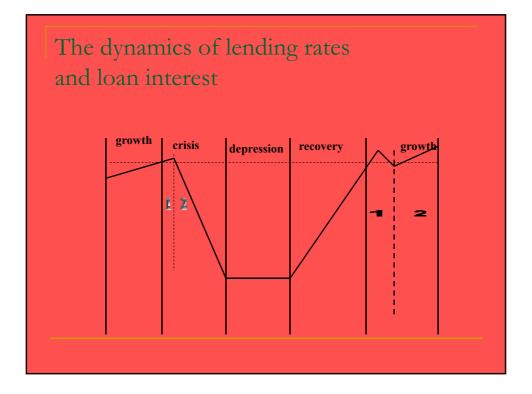
- Phase is divided into two stages, as well as the phase of the crisis
- First stage the period of construction in progress
- Second stage the period of completed construction
- Все показатели идут вверх, сокращается только безработицаAll indexes (figures) are going up, unemployment is reduced only
- In the late phase of recovery there is a transition from the market "sellers" to market "buyers"
- · phase of the crisis is ripening

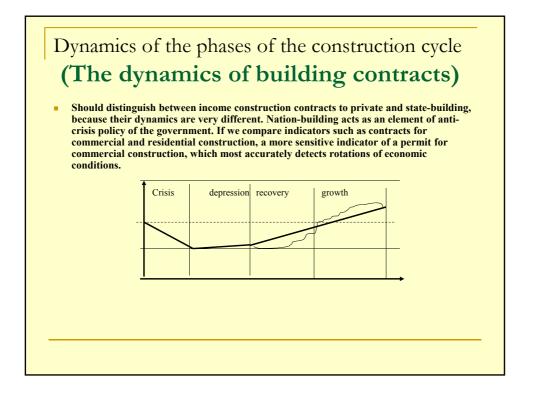




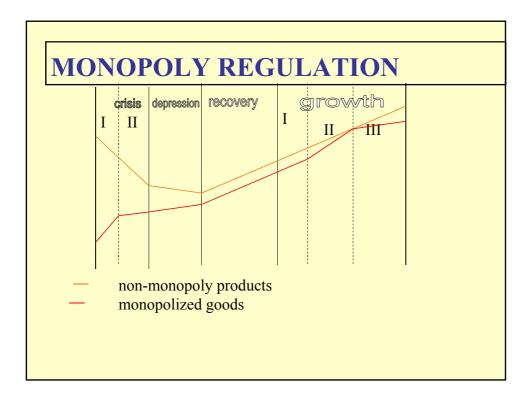


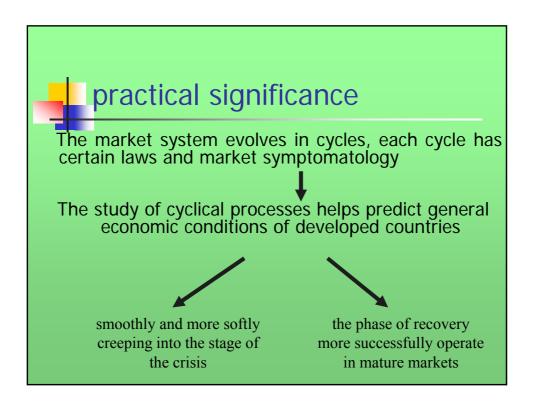










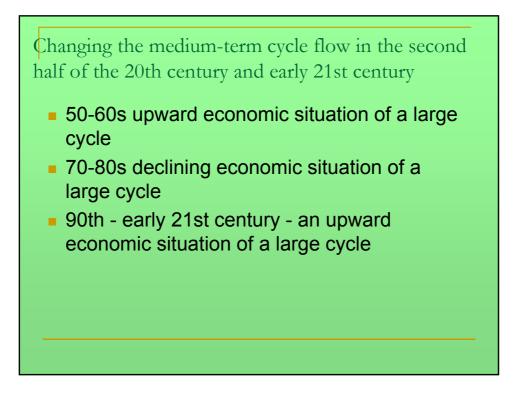




The study of cyclical processes and systems of the targets has a great importance on economic development as a country and its foreign economic indicators, and the world economy as a whole

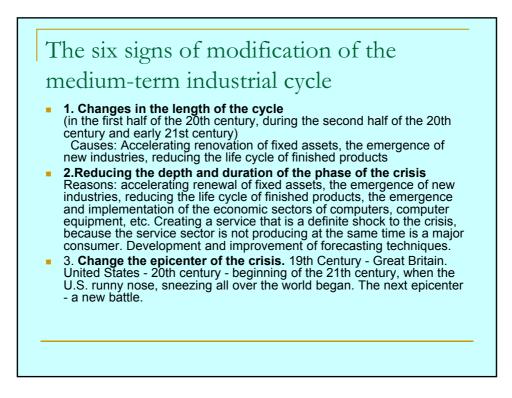
INFLUENCE In the phase of the crisis it's permited to minimize losses

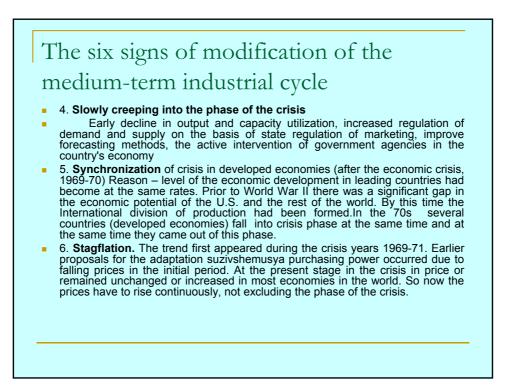
In the phase of growth to optimize the components of the foreign trade





- В основе периодичности цикличности движения воспроизводства лежит обновление основного капитала в виде его активной части – машин и оборудования. We can therefore say that every medium cycle - is a mini-wave of technological progress.
- The crises of the 20th century
- 20 века 1990-1901, 1907-1908, 1913-1914, 1929-1933, 1937-1938, 1948-1949, 1957-1958, 1969-1970, 1974-1975, 1980-1982, 1990-1992, 2001-2002, 2007-2008...... The basis of the periodicity of cyclical movements of reproduction is the renewal of fixed capital in the form of its active parts - machinery and equipment.







## FINANCIAL CRISIS REASONS

- The increasing gap between the speculative capital, on the one hand, and GDP growth, on the other. In other words, to ensure system stability, the real economy must grow sufficiently to meet the demands of speculative capital.
- However, all the more revealed that corporations are becoming increasingly dependent on financial transactions.

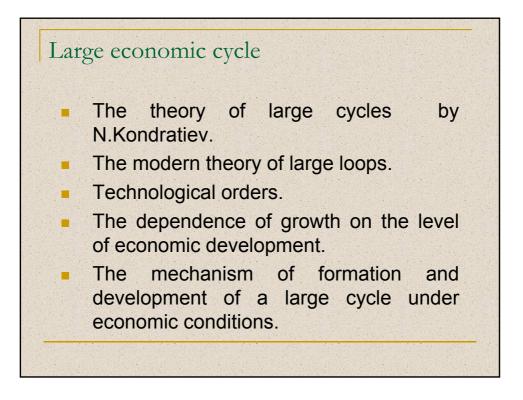


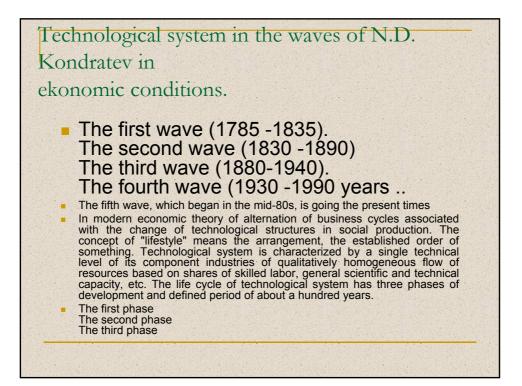


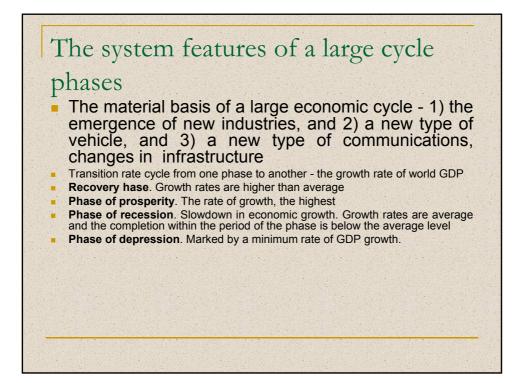
- Reduce the refinancing rate
- Government programs for the provision of shelter
- securitization of mortgages
- Active trading of the central bank, secured by real estate
- Increased expectations of investors



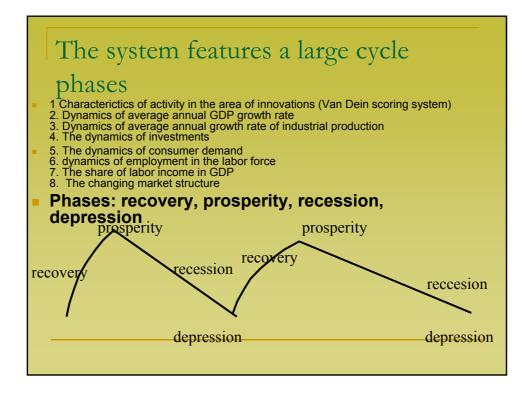
- First of all, banks were losing money
- Rising asset prices was ensured properly by rising prices and the securitization of mortgages
- Unlimited credit expansion in all sectors Credit expansion was provided assets (including shares)
- By reducing the prices of mortgage assets the difference is to be repaid
- The nature of derivatives involves a large shoulder Do derivatives have a time limit of execution

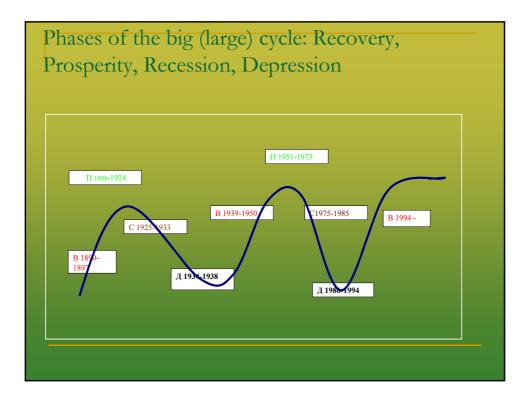




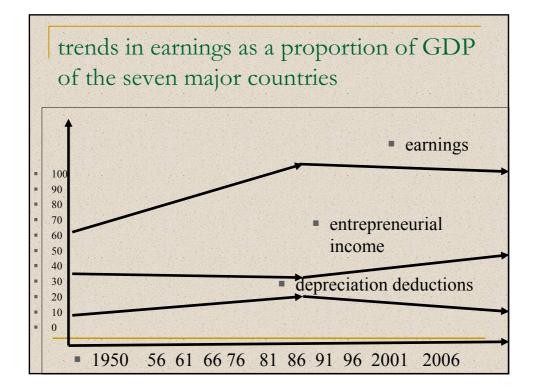


categ ories	Prosperity <sup>2</sup>	Recession	Depression	Recovery
1cat.	2	1	1	4
2cat.	2	2	3	1
3cat.	1	1	3	3
4cat.	3	2	1	2
total	8	6	8	10
	Innovation s in basis industries	Improvement of technological processes and products update		new industries





elements of the fifth (now existing wave) technological system include the following industries: electronics industry, computer equipment, software, aviation, telecommunications, information services
The duration of some waves more than fifty years are connected with the coincidence of the recession of the outgoing wave with a period of a new wave of growth. In connection with the acceleration of scientific and technical progress in the future, the length of waves will be reduced.



Formula John Kendrick				
rate Cp = [rate Cl ·α + rate Ck(1- α)] – [rate <u>P</u> ·α + rate <u>P</u> (1- α)]				
Where:the rate of Cp - annual growth rate of prices of productsCl - labor costCk - the price of capital $\alpha$ share of labor income in GDP $1 - \alpha$ - share of property incomes in GDPP/L - Productivity, where P - the production of goods.P/K - in capital (capital productivity, where P - output $- [P \cdot \alpha + rate P(1 - \alpha)]$ LKKComparisonLKComparisonKComparisonCC				