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ANALYSIS OF LEASE PAYMENTS BY THE DIAGRAM OF CONNECTIONS

In scientific articles about financial lease we can find many researches which describes different theoretical and methodological problems about lease payments: M.F. Rubchenko (М.Ф. Рибченко) [1] – he studied calculation and accounting of lease payments; S.A. Kharchenco (С.А. Харченко) [2] and K. Shevchenco (К. Шевченко) [3] – they studied methods of calculations of lease payments. But comprehensive research on influence for all factors on lease payments was not carried out by Ukrainian scientists, especially using the diagram of connections.

Lease payment - payment for the service of financial lease - it is amount of money and (or) property, paid by the lessee to the lesser for the leased asset in the form and terms established by contract of financial lease. Amount of lease payment depends on many factors, like methods of calculating of lease payments, lease interest rate, the frequency of payment of the minimum lease payments and other factors. To study how this factors influence lease payments we have to use special methods, which can show us causal connections.

In economics exists many methods that analyze causal connections. There are 5 Whys, stratification, fishbone diagram (or Ishikawa diagram) and others, but the most actual and simple method, which includes a comprehensive analysis of cause-effect connections is a diagram of connections.

Diagram of connections is a method, which can identify the logical connections between the large amounts of information.

To create a diagram of connections we need to do [4]:

1. collect and systematize all causes which influence resulting indicator;

2. identify the connection between causes and resulting indicator;

3. designate all identified communications by arrows showing the direction of influence;

4. analyze a diagram of connections.

In the illustration 1 we can see factors, which influence on amount of lease payments.
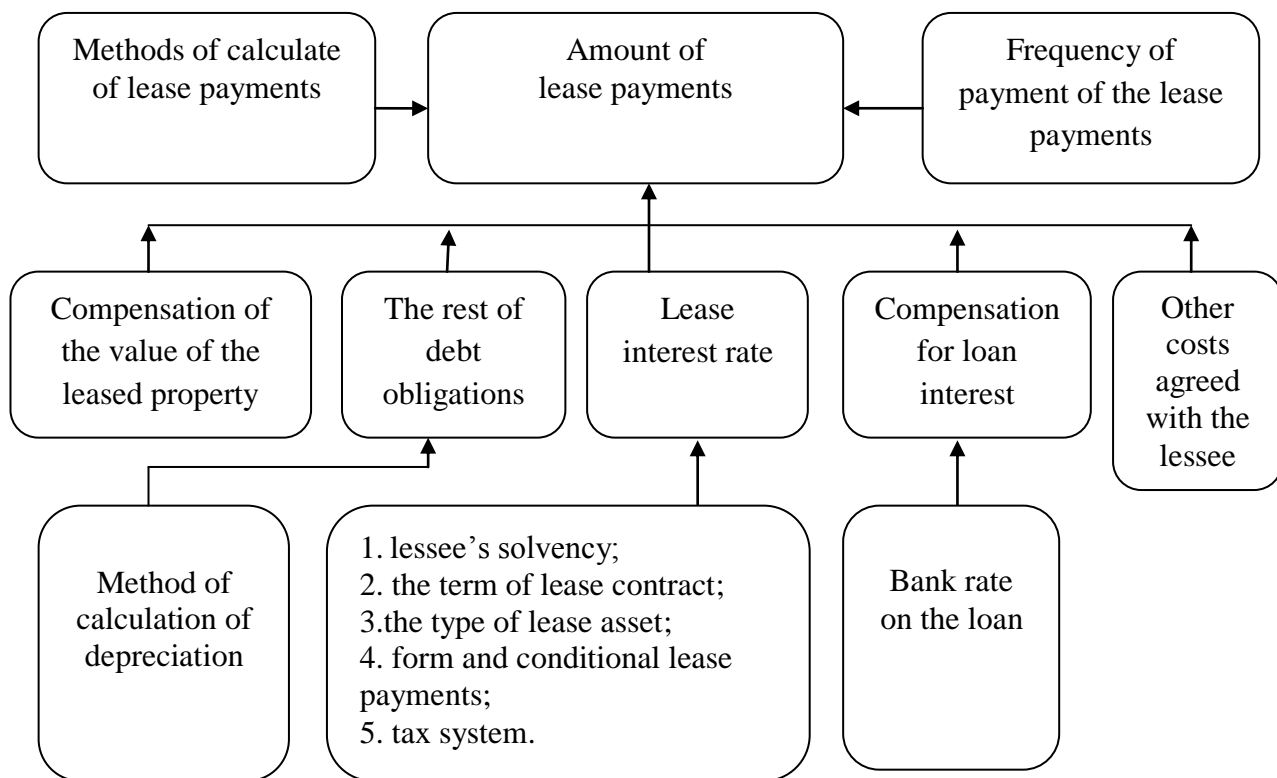

Illustration 1. Factors which influence on lease payments

Factors, which influence lease payments can be divided into two categories: factors with direct influence and factors with indirect influence. The first category (direct influence) includes such factors as methods of calculations of lease payments, frequency of payment of the lease payments, compensation of the value of the leased property, the rest of debt obligations, lease interest rate, compensation for loan interest and other cost. The second category (indirect influence) includes such factors

as method of calculation of depreciation, bank rate on the loan, lessee's solvency, the type of lease asset, form and conditional lease payments, tax system.

Conclusion. Diagram of connections is a simple and easy method to visualize and use cause-effect connections. It is an alternative way to study lease process in economic.

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