

## **Ezat Esmaeel „Transition Impact on Foreign Trade Growth in the Czech Republic“** Opponent's opinion

The work by E. Esmaeel deals with a complex agenda of the influence of transformation changes on foreign trade in the Czech Republic in the period of transformation and EU accession. Subject of the analysis is the relation of export and import to macro-economy values, such as gross domestic product, direct foreign investment, wages, unemployment, currency rates, work productivity, inflation, etc. These values are primarily characterized in a particular context reflecting the position of the Czechoslovak Republic, later the Czech Republic, mentioning also material or structural context.

A complex and sophisticated mathematical model is consequently used for the analysis of their influence (beginning from page 72). Although the first part of the work is very beneficial, the second part is of core importance because it brings the most important results. The model is adopted from a representative reference literature and adjusted by the author in a way applicable for the given field. In the author's opinion, the model is capable of explaining of over 95% alterations occurring in the Czech export and import. The most significant results of the research are summarized in the 21 precisely formulated points in the conclusion, having an accurate correlation to the contents.

Among major benefits list the following:

- Processing a quality overview of the transformation changes in the monitored section with a certain degree of a top view (it is obvious from the author's notion that he did not perceive the changes as a citizen of the country concerned, which brings certain interesting moments and observations).
- Instant approach to a complex mathematical model applied on the monitored problems and its use in a quality analysis of the key correlations and trends, which is meaningful for both the immediate statement and for the experience of mathematical methods application in economy in particular problem solving.

The work contains minor insufficiencies:

- in the English and Czech abstracts the author uses his own abbreviations (GD, FD, LW, UR, ER, EC, LR, IR) not explained until page 87, which prevents the reader from understanding the abstracts at all
- The work suffers from a certain stylistic impurity – the model is complemented by certain material data (up to the level of notional characteristics of particular corporations influence or the influence of the factors such as tourism) on the one hand; on the other hand, such major influence as military industry liquidation have not been considered on a material level.
- The above mentioned relates to what the author understands under the notion “explanation of dispersion” in terms of export and import. It is rather the calculation and characteristics of the alterations between individual values, which does not represent the explanation of the change-related phenomena.
- The scope of the work would perhaps benefit from the author's focus on the re-export influence as a consequence of a rather unbalanced position of the countries such as the Czech Republic and Germany in the course of transformation and the period following immediately after its finalization that could be indentified using a somewhat extended model (which would represent an independent work of the same scope, i.e. this can be seen as a suggestion for further research).

- The work contains minor formal insufficiencies, e.g. asymmetric indentation of the abbreviation GNP on page 11, several missing spacings after a comma (e.g. page 47), a strange reference “Vladimír, Ladislav and Jan, (2003)” used several times (e.g. on page 60, etc.) that cannot be found in the list of reference literature.

Conclusion: The author shows the competence of independent creative theoretical work in connection with the use of extensive resources, generally approached and representative resources, classification of the gained knowledge and especially the work with the mathematical model, where the interpretation of the results is processed in a beneficial and correct way. Minor errors do not have an influential role. Therefore I recommend to accept the work and to evaluate it as a part of the completion of the prerequisites for granting the academic title of PhD.

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