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**CREATION OF PROFESOR G. ANRDEEV
LEADING DIRECTION OF RESEARCHES IN UKRAINIAN
CORRESPONDENCE POLYTECHNICAL INSTITUTE**

Summary

The article reveals the role and influence of the leading scientist G. Andreev on forming and developing the knowledge about induction and thermal assembly/disassembly of the joints with secured tension. It also deals with the main peculiar features of the leading scientist which helped him to impart knowledge to his pupils and followers.

There are several publications on G. Andreev's personal and professional life, particularly those devoted to his jubilee, namely centenary of his birth. Bibliographic index reveals the issues of production, scientific and pedagogical activity of the scientist, as well as presents the list of his scientific works. But the above-mentioned publications don't reflect to the full the scientist's contribution to the development of the research area concerning assembly processes. Therefore, the purpose of this article is to study forming and developing by Professor Andreev scientific and technical research area in the 50 – 90s of the XX century, as well as mutual interaction of the epoch and a personality.

The methodological basis of the investigation is general principles of objectivity, historicism implying the objective description and analysis of the events, phenomena basing on scientific and critical usage of different sources. The methods used in the process of study are problem and chronological, comparative and historical, as well as statistical ones.

The investigation process has revealed that G. Andreev as a leading scientist possessed the qualities which meet generally accepted requirements the leaders should satisfy. Due to the leadership potential of Professor Andreev and his pupils, under the terms of close symbiosis of science and production in the Soviet Union the research area concerning the issues of thermal assembly and disassembly of the joints with tension was developed. Owing to this a strong scientific basis for technology and device for assembling and disassembling the joints with tension was created; the training of highly qualified specialists and researchers in this sphere was provided; new techniques were developed and applied in industry.