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From non-Euclidean geometries to Picasso, Stravinski, Ionesco ... Otherwise: About the route to maximum freedom of creative thinking in the European sciences and arts of 19^{th} and 20^{th} century.

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Summary: Some special aspects of the European creative thinking in sciences and arts are discussed. In the XIX^{th} and XX^{th} centuries the European creative thinking in sciences and arts attained a very high level of freedom, creating the first non-Euclidean geometry, the relativity theory, the nonconformist arts. These results of European culture became of utmost importance in the progress of human civilization.

Classification: E20 M80
Keywords: creative thinking; thinking pattern; the freedom of creative thinking in mathematics, sciences and arts; academic arts; nonconformist arts