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Mathematics and Innovation: let the paintings play

Abstract: Mathematics started developing in old times to solve concrete problems. Then, evolves through a proper abstract and generalized setting which surprisingly still turns out to have effects on the “real world”. The lapse of time between the discovery - the theorem - and applications to real life is usually quite long. This is the case of sampling paintings and at the same time a music playlist in order to minimize the distance between the data outcomes and let the paintings play. Mathematics today enters a prominent role not only in physics but also in medicine, engineering, economics, in most modern approaches in life sciences. Groundbreaking innovation cannot be independent of Mathematics and in general fundamental research.

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