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Kotlin language for science and kmath library

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Kotlin is a new but astonishingly fast developing general purpose language. It already conquered android and currently fighting for web back-end market. The important part is that being "better Java", Kotlin has a potential to be a good language for scientific purposes. Especially with arrival of multi-platform compilation and support of JavaScript and native targets.

In this talk I would like to describe the advantages (and some disadvantages) of kotlin language for scientific purposes. And present a kmath library for multiplatform mathematics in kotlin, which utilizes unique kotlin context-oriented features.

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