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An international journal for experimental and theoretical physics

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The journal publishes Comments in five different sections and maintains a programme of Topical Issues alongside the regular twelve issues a year.

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Describe the current thinking of leading researchers on outstanding problems. This may include discussion of open questions, questions that recent work has apparently closed, important new applications, new theoretical and experimental approaches, and predictions of future developments. Intended to bridge gaps in readers’ knowledge and provide insight into problems, methods and results in different areas of physics, five sections are available encompassing the whole of physics:

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**Cover image:** Atomic orientation structure in epitaxial TiN/Si film (adapted from C Wang and M Kryder 2008 Physica Scripta 78 035601; artistic impression by Frédérique Swist)

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Dr J G Lominadze
Georgia National Academy of Sciences, Georgia