

Edge vectors on planar networks and tropical limit of real finite gap solutions of KP hierarchy

Tuesday, September 3, 2019 3:00 PM (30 minutes)

In this talk, I shall report on some recent results obtained in collaboration with P.G. Grinevich (LITP,RAS). We construct edge vectors on planar networks obtained by gluing the positive part of copies of $\text{Gr}(1,3)$ and $\text{Gr}(2,3)$ and apply such construction to associate real regular KP divisors on rational degenerations of M-curves.

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