Stokes Phenomena and Non-perturbative Completion in the Multi-cut Two-matrix Models

Chuan-Tsung Chan (Tunghai Univ.), Hirotaka Irie (NCTS) and Chi-Hsien Yeh (Nat’l Taiwan Univ.)

References:

Spectral curve and Resolvent op.

This gives Eigenvalue density, Generator of Local operators...

W(x) = \int dx Y(x) \frac{(x-t)}{x−t} \sum_j \frac{z_j}{x−z_j}

2. It was proposed *CIY1 ‘10+ that strong

\[ \omega (\xi) = \omega (\xi') \]

Therefore, there appears integration const.

Later we use the scaling limit:

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E.g.) \( p=1 \)

The complete set of asymptotic solutions:

Full text follows...