

## Generalized Wronskian Solutions to Differential-Difference KP Equation

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**Abstract:** A new method for constructing the Wronskian entries is proposed and applied to the differential-difference Kadomtsev-Petviashvili (D $\Delta$ KP) equation. The generalized Wronskian solutions to it are obtained, including rational solutions and Matveev solutions.

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**Key words:** Wronskian technique, D $\Delta$ KP equation, rational solutions, Matveev solutions

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