Nonlinear Sciences > Exactly Solvable and Integrable Systems

Virasoro and W-constraints for the \$q\$-KP hierarchy

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Based on the Adler-Shiota-van Moerbeke (ASvM) formula, the Virasoro constraints and W-constraints for the p-reduced q-deformed Kadomtsev-Petviashvili (q-KP) hierarchy are established.

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