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A survey of quantum Teichmüller space and Kashaev algebra

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In this chapter, we survey the algebraic aspects of quantum Teichm\"uller space, generalized Kashaev algebra and a natural relationship between the two algebras.

Comments:	27 pages, a chapter of Handbook of Teichm\"uller space, vol. IV, edited by Athanase Papadopoulos
Subjects:	**Geometric Topology (math.GT)**; Quantum Algebra (math.QA)
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