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## Solutions for Toda systems on Riemann surfaces

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*Dedicated to Professor Ding Weiyue on the occasion of his 60th birthday*

**Abstract.** In this paper we study the solutions of Toda systems on Riemann surface in the critical case, proving a sufficient condition for existence.

**Mathematics Subject Classification (2000):** 35J60 (primary); 58G03, 35J45 (secondary).