Erratum

J. Yang, "Can parity-time-symmetric potentials support families of non-parity-time-symmetric solitons?", Stud. Appl. Math. 132, 332–353 (2014).

- In Eq. (1), all Ψ should be U, i.e., Eq. (1) should read:

$$iU_t + U_{xx} - V(x)U + \sigma|U|^2U = 0, \tag{1}$$

- Regarding the compatibility condition (53): the eigenfunction in the kernel of L_0 which bifurcates out of the origin for $\mu \neq \mu_0$ actually has a more general form

$$\begin{bmatrix} \psi_b \\ \psi_b^* \end{bmatrix} = \begin{bmatrix} \psi \\ \psi^* \end{bmatrix} + i\alpha \begin{bmatrix} u \\ -u^* \end{bmatrix},$$

  where α is a certain real constant. Replacing ψ in Eq. (53) by ψ_b above, this compatibility condition can then be satisfied for a suitable choice of the real constant α, thus it can be satisfied in general.