

$$\left\{ \begin{array}{l} 2u = \bar{u} + 2K\pi \\ 2u = -\frac{\bar{u}}{3} + 2K\pi \end{array} \right. \Rightarrow \left\{ \begin{array}{l} \bar{u} = 2 \\ u = -\frac{\bar{u}}{6} + K\pi, K \in \mathbb{Z} \end{array} \right.$$

$$S = \left\{ -\frac{\bar{u}}{6} + K\pi \right\}_{K \in \mathbb{Z}} \cup \left\{ \frac{\bar{u}}{2} + K\pi \right\}_{K \in \mathbb{Z}}$$