$$_2\mathbb{R}_n^{\Omega} \overset{\lambda}{\ltimes}_{\pm} \ {}^{\mathbb{R}^n}\!\underset{m}{\triangledown}^2\, \mathbb{C} \ \text{principal}$$

$$\overset{s}{\overbrace{\begin{array}{c|c} a & b \\ \hline c & d \end{array}}}\overset{\lambda}{\ltimes}_{\pm} u \ = \ \overline{a - cs}^{\,\lambda}_{\pm}\, u\left(\frac{ds - b}{a - cs}\right)$$