误差方程为

$$\frac{1}{12} \left(\frac{e_{i+1}^{h+1} - e_{i+1}^{h}}{\tau} + 10 \frac{e_{i}^{h+1} - e_{i}^{h}}{\tau} + \frac{e_{i-1}^{h+1} - e_{i-1}^{h}}{\tau} \right) \\
= \frac{1}{2} \left(\frac{e_{i+1}^{h+1} - 2e_{i}^{h+1} + e_{i-1}^{h+1}}{h^{2}} + \frac{e_{i+1}^{h} - 2e_{i}^{h} + e_{i-1}^{h}}{h^{2}} \right) + R_{i}^{h}, \quad 15i \leq M-1, \quad 0 \leq h \leq N-1, \\
e_{i}^{h} = 0, \quad 0 \leq i \leq M, \\
e_{i}^{h} = 0, \quad 0 \leq i \leq M, \\
e_{i}^{h} = 0, \quad e_{i}^{h} = 0, \quad 1 \leq h \leq N$$