

Chengdu, 610207, Sichuan, P.R.China Http://www.scu.edu.cn

137+ 6.3

$$w_{2,1} = \frac{5}{4} + \frac{1}{4} \cdot (\frac{5}{4} - \frac{1}{4}) = \frac{3}{2}$$

$$w_{3} = \frac{3}{2} + \frac{1}{4} (\frac{3}{2} - \frac{1}{8}) = \frac{1}{32}$$

$$w_{3} = \frac{3}{2} + \frac{1}{4} (\frac{3}{2} - \frac{3}{8}) = \frac{35}{32}$$
 $w_{3,2} = -\frac{3}{8} + \frac{1}{4} (-\frac{3}{2} - \frac{3}{8}) = -\frac{37}{32}$

$$w_4, 1 = \frac{56}{32} + \frac{1}{4} (\frac{54}{32} - \frac{37}{32}) = \frac{119}{54}$$

$$w_{4}, 1 = \frac{56}{32} + \frac{1}{4} (\frac{55}{32} - \frac{37}{32}) = \frac{119}{64}$$
 $w_{4}, 2 = -\frac{37}{32} + \frac{1}{4} (-\frac{55}{32} - \frac{37}{32}) = -\frac{15}{8}$



四川大学

Chengdu, 610207, Sichuan, P.R.China Http://www.scu.edu.ci

Sichuan University

$$W_{3,1} = \frac{375}{246} + \frac{1}{8} \left[\frac{315}{246} - \frac{25}{32} + \left(\frac{375}{246} + \frac{25}{4} \left(-\frac{375}{32} - \frac{25}{4} \right) \right) + \left(\frac{25}{32} + \frac{1}{4} \left(-\frac{375}{246} - \frac{25}{32} \right) \right) = \frac{1625}{1024}$$

$$w_{3,2} = \frac{25}{32} + \frac{1}{8} \left[\frac{375}{25} + \frac{25}{2} - \left(\frac{375}{25} + \frac{1}{4} \left(\frac{375}{25} - \frac{25}{25} \right) \right) + \left(-\frac{25}{32} + \frac{1}{4} \left(-\frac{375}{256} - \frac{25}{32} \right) \right) = \frac{5875}{4396}$$