

## の川大学 Sichuan University

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P232 5.2

$$|(a)|_{0} \times dx = \frac{1}{3} \times \frac{3}{6} = \frac{1}{3}$$

3 m-1, h=1 At

$$I' = \int_{0}^{1} x^{2} dx = \frac{1}{2} to(1) = \frac{1}{2} e = I' - I = \frac{1}{b}$$

当州=2; h= 主射

当加工七九二年时

₩.



## 四川大一

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$$\int_{0}^{1} 1 dx = c_{1} + c_{2} + c_{3} = 1$$

$$\int_{0}^{1} x dx = c_{1} + c_{2} + c_{3} = \frac{1}{2}$$

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$$\int_{0}^{1} x dx = c_{1} + c_{2} + c_{3} = \frac{1}{2}$$

$$|(a)|/x^2dx$$
  $|z_{ij}| = \frac{h}{2}(f(a)+f(b))^2 = \frac{1}{2}(a+1) = \frac{1}{2}$ 

$$|2_{12} = \frac{2^{2}|2_{21} - |2_{1}|}{3} = \frac{4 - \frac{3}{8} - \frac{1}{2}}{3} = \frac{1}{3}$$

$$R_{31} = \frac{1}{2}R_{21} + h, Cf(a+h,s) + f(a+3h,s) = \frac{3}{16} + \frac{1}{4}(\frac{1}{16} + \frac{9}{16}) = \frac{11}{22}$$

$$R_{32} = \frac{2^{2}R_{31} - R_{21}}{3} = \frac{4 \cdot \frac{11}{32} - \frac{3}{8}}{3} = \frac{1}{3}$$

$$\frac{R_{33} - \frac{4^{3}R_{32} - R_{22}}{4^{3} - 1} - \frac{16 \cdot \frac{1}{3} - \frac{1}{3}}{15} = 1}{3}$$