Kundratur si hi evolvenga som mulist S, f (x) of < Estime Adoptiv Kvadrahur 16 FG/JX=5° FG/0x+5° FG/0x (mtdphd.) = O(h') $M = h f(\frac{ab}{2})$ $T = h f(\omega) + f(b)$ 2. grods meter (h2) 5=5, x2dx=== 1 M== 1 T=== teil: 5-M=12, 5-T=-6

$$-2(s-M)=s-T$$

$$-2s+2M=s-T$$

$$2M+T=3S$$

$$s=2/3M+1/3T=\frac{h}{6}(f(a)+4f(\frac{a+b}{2})+f(b))$$

$$Simpsons regel$$

(h4)

$$S_2 = \frac{h}{12}(f(\alpha) + 4f(\frac{a+b}{4}) + 2f(\frac{a+b}{2}) + 4f(\frac{a+b}{4}) + f(b))$$

 $Q - S = 16(Q - S_2) \iff Q = S_2 + (S_2 - S)/15$

Betragt 55 Hardx

Find S ag Sz hvis 5-Sz er ster så hdord ydrhone anverd ever stærner på såtbog satt ellers er sveret a bruger samme tolerance help veien

Distributed of the $x = x_1 \times x_2 \cdots \times x_n = b$ $x_1 = f(x_1)$ $x_2 = f(x_n)$ $x_1 = f(x_n)$ $x_1 = f(x_n)$ $x_2 = f(x_n)$ $x_1 = f(x_n)$