1 (n) x (n-n) has m+1 + (1-4)x (1) + (1) x (1) x (1) + (1) x (1) 1 7 K(K) 7-K Y(k)

Transposed version

3

most comolyused. Road # in twois complement with as precision Many Formath (in representation of binary #5. Binavy Representation of #5. Two! Complesent. one 15 complement - Sift & Mas.

X (-b. + 2 b. 2. Xm=arbitrary scale factor 1x1 < Xm bi = either 3ew on 1

ったまたが p: 1 - パイ×くの $x_{8} = Q_{8} \left[x_{3} \right] = \chi_{m} \left(-b_{0} + \frac{8}{2} b_{i} \frac{1}{2} \right)$ tage and smallest different latures any 2 # 5 ? is quantitud version of x. 0 % o S D = Km 2 (B+1) Civite # & bits quadited desir b. = 5:9" bil representation

426t8.5 5.87923, ortywo 2 bits

72 grantized #5 on in

ps

5.39 24

start a real water X are can either rawhy or Truncales:

gram Fig 6.37 (a), 6.37(b) in 0 25.

2's complent:

roubigern -426 442 truestanom 0 66 64 ሰ

Correct even may The intermediate result overflow. overalled & vendy it The free som. Add few #53 Then wesult is avertlow parts of a feestiers of bot to for tatevostive property by two couplest that watered overflow. Tradeoff between

keep km lange to minimy dance of vachi due can come Torcan - But keep B lage To trap overflow is more likeley. Multiplication only