数别の根限.

₹ . 3 N, n > N AJ | an - A | < €.

这理:1.{ an} 根据一

- 2. 收敛数别之麻。
- 3.1×n→A yn→B 若A>B M ヨN, n>N Ry Xn> yn 3.1×n→A, A>O M ヨN, n>N Ry Xn>O

3-2 Xn->A, Jn->B#JN, N->NBJ Xn & Jn AB

4. 76 { 3N, N=N=J yn \in \text{Xn \in \in \text{Nn} \in \text{Nn} = A.}

\[
\frac{1}{\text{N}} \frac{1}{\tex

- J. Xn->A, Xn 86 3 超到 ->A I-1. - M 与一了 3 超别发强,则Xn 数据 J. Xn 86 2 9 3 超到 -> 不图 和现, M Xn 发程。
- 6. Xn的寄数部中间的多数到5 Xn的特数源中间的多数到 MXn分月
- 7. 数测极限的面侧线。
- 8. 单调有异数到不有根积.
- 9. "Canchy"收敛厚腥: 「数别收缴<>>. 激数到下标完谷大锅纸点碗 三卷小子至.

函数の概能.

72, 33, 1x-x01= S PJ, 1fix) - A1 < E. M Difix) = A

13 13 1. Lifter to to to (=) Lifter City 18 Tis.

- 2. Lifter to the (=) Lifter, Lifter 18 Th.
- 3. 2. fix Fix Tale an 2 -.
- 4. Lin fix Me Re, AM FIXITE XOF ENDROW MA

大美通

- 6. 局部的额额

基缘

1 19 1. X ~ Sinx, tomx, arcsinx, arcton X.

2. fro & claib 7 ml from to tail to The Emax mins

3. 广镇这程, 建镇函数可取到介于南端和西省的防化煮领 建镇函数可取到介于最大、最小组之间的代点领。

和差化和

$$\sin \alpha + \sin \beta = 2 \sin \frac{\alpha + \beta}{2} \cos \frac{\alpha - \beta}{2} \cdots (1)$$

$$\sin \alpha - \sin \beta = 2 \cos \frac{\alpha + \beta}{2} \sin \frac{\alpha - \beta}{2} \cdots (2)$$

$$\cos \alpha + \cos \beta = 2 \cos \frac{\alpha + \beta}{2} \cos \frac{\alpha - \beta}{2} \cdots (3)$$

$$\cos \alpha - \cos \beta = -2 \sin \frac{\alpha + \beta}{2} \sin \frac{\alpha - \beta}{2} \cdots (4)$$

$$\tan \alpha + \tan \beta = \frac{\sin (\alpha + \beta)}{\cos \alpha \cos \beta} \cdots (5)$$

$$\tan \alpha - \tan \beta = \frac{\sin (\alpha - \beta)}{\cos \alpha \cos \beta} \cdots (6)$$

$$\cot \alpha + \cot \beta = \frac{\sin (\alpha + \beta)}{\sin \alpha \sin \beta} \cdots (7)$$

$$\cot \alpha - \cot \beta = -\frac{\sin (\alpha - \beta)}{\sin \alpha \sin \beta} \cdots (8)$$

$$\tan \alpha + \cot \beta = \frac{\cos (\alpha - \beta)}{\cos \alpha \sin \beta} \cdots (9)$$

$$\tan \alpha - \cot \beta = -\frac{\cos (\alpha + \beta)}{\cos \alpha \sin \beta} \cdots (10)$$

$$\frac{\sin \Delta \pm \sin \beta}{\sin \Delta \pm \cos \beta} = 2 \frac{\sin \Delta \pm \beta}{2} \cos \Delta \pm \frac{\beta}{2}$$

$$\frac{\cos \Delta + \cos \beta}{\cos \Delta} = 2 \frac{\cos \Delta \pm \beta}{2} \cos \Delta + \frac{\beta}{2} \cos \Delta + \frac{\beta}{2} \cos \Delta + \frac{\beta}{2} \cos \Delta + \frac{\beta}{2} \sin \Delta$$