Geometrie Series 20 220 20 n=n,r=l Sn= a(2-1)

$$=) CHS = e^{\frac{20}{200}} \frac{2ni0}{(e^{2i0}-1)}$$

$$= e^{\frac{26}{26}\left(\frac{nie}{2} - \frac{nie}{2}\right)}$$

$$= \frac{26}{26}\left(\frac{nie}{2} - \frac{nie}{2}\right)$$

$$\frac{nio}{2} \left(\frac{nio}{2 - nio} \right)$$

$$= \frac{2i}{\left(\frac{2o}{2} - \frac{2i}{2}\right)}$$

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dy from Sing 14

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Company Real part only

$$\begin{array}{cccc}
\cos \phi + (\cos 3\phi) & \cos 5\phi + - - - \cos(2m-1)\phi & = \cos n\theta \cdot \frac{\sin n\phi}{\sin \phi} \\
& = \frac{2}{2} \cos n\theta \cdot \frac{\sin n\phi}{\sin \phi} \\
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3 1+x Cos + x Cos 20 + - - - x Cosno
gd Lot C = 1+xCos0+x2Cos20+---- x Cosno
                            $ S = x Sin 0 + x Sin 20 + - - - x Sin 0
               C+iS = 1 + x(\cos\theta + i\sin\theta) + x^{i}(\cos2\theta + i\sin2\theta) + .... x^{n}(\cos n\theta + i\sin n\theta)
                                         20 2 iza 3 i30 n ino
                                                                                                                                                                                                                                                                               G. Series
                                                                                                                                                                                                                                                                                    a=1, n=xe
           \frac{(2e)^{-1}}{(2e)^{-1}} = \frac{n+1(n+1)2a}{xe^{2\theta}-1}
                                                                                                                                                                                                                                                                                           S_n = a(x^n-1)
                                        x (coco + 2 Sin (n+1)0} - 1
                                                                                                                                                                                                                                                                                         Available at
                                                                                                                                                                                                                                                                         www.mathcity.org
                                                 ( ( (n+1)0 -1) + 2 (x Sin(n+1)0)
                                                                (*Co.s. ) + 2 (x Sina)
                                     (2 Cos(m+1)0-1) +i(x Sin(n+1)0) (x Cos0-1) - 2(x Sino)
                                                                                                                                                                                                                          (x Coso-1) - iz(x Sino)
                                                       (2ccos0-1) +2(csin0)
              Preview pontony

Costanto
     C+25 = (x Cos(n+1)0-1)(x(000-1)+(x Sin(n+1)0)(x Sin(n+1)0
         11-2 m+1 cos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xcos(n+1)0-xco
                                                                                                           x2 Cos 0+1-2x Cos 0+x2 Sin Q
                                      [(n+1)0Cosa + Sin(n+1)0Sin0]-x Cos(n+1)0-xCosa+1
                                                                                                                                   x2(co50+Sin0)-2xcos0+1
                                2 (os(n+1)0-6) - x (os(n+1)0 - x (os0+)
                                                                                                                                     x = 2x Coo 0+1
                                70 (sona - x (so (n+1)0 - x Cos0+1
                                                                                                                            x2-2xC000+1
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