*#06#
CDMACDMA
$_4G.png$
$_TD-$
$SCDMA.pngWCDMA\&TD-SCDMA$
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FDD,
T-
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D FD-
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⋮

$$N = i^2 + ij + j^2 \quad (1)$$

$$S = K(2)$$

$$C = MS = MK \quad (3)$$

STEPS:
$Max\{i, j\}$
$Min\{i, j\}$
$^2 =$
I^2+
J^2-
$2IJ\cos 120$
$H =$
$\frac{\sqrt{3}}{2}R$
$I =$
$\sqrt{3}iR, J =$
$\sqrt{3}jR$
$\Rightarrow$
$D =$
$\sqrt{3N}R, N =$
i^2+
$ij+$
j^2

$$\overline{I=\frac{C}{\sum_{i=1}^{L} I_i}\ \frac{C}{I}=\frac{(D/R)^n}{L}=\frac{\sqrt{3N}^n}{L}}$$

$$\frac{C}{I} = \frac{(D/R)^n}{L} = \frac{\sqrt{3N}^n}{6} \quad (5)$$

$Q =$
$\frac{D}{R}\frac{C}{I}$

$$n = \frac{B_t}{B_c N} \quad (6)$$

B_t
B_c
N
??
$\sqrt{\frac{2}{3} \times \frac{C}{I}}$

$$n = \frac{B_t}{B_c\sqrt{\frac{2}{3} \times \frac{C}{I}}} \quad (7)$$

$t\ \overline{B_c'\sqrt{\frac{2}{3}\times\frac{C}{I}}B_c'=\frac{B_c}{m}}$
$B_c^{'}$

$$n = [1+\frac{W/R_b}{E_b/I_0}\times\frac{1}{d}]\times G\cdot F \quad (8)$$