Figure 1 Geometry of the problem.
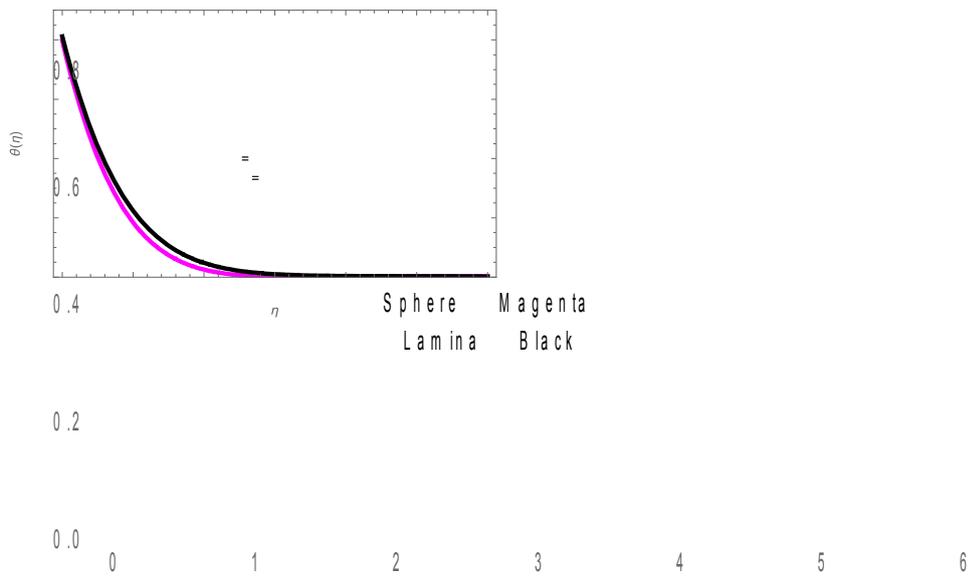

Figure 2 $\theta(\eta)$ for shape effect of nanoparticles.

M = 0.5 Magenta, M 1.0 Black,

M 0.5 Magenta, M 1.0 Black,

Sphere   Magenta
Lamina   Black
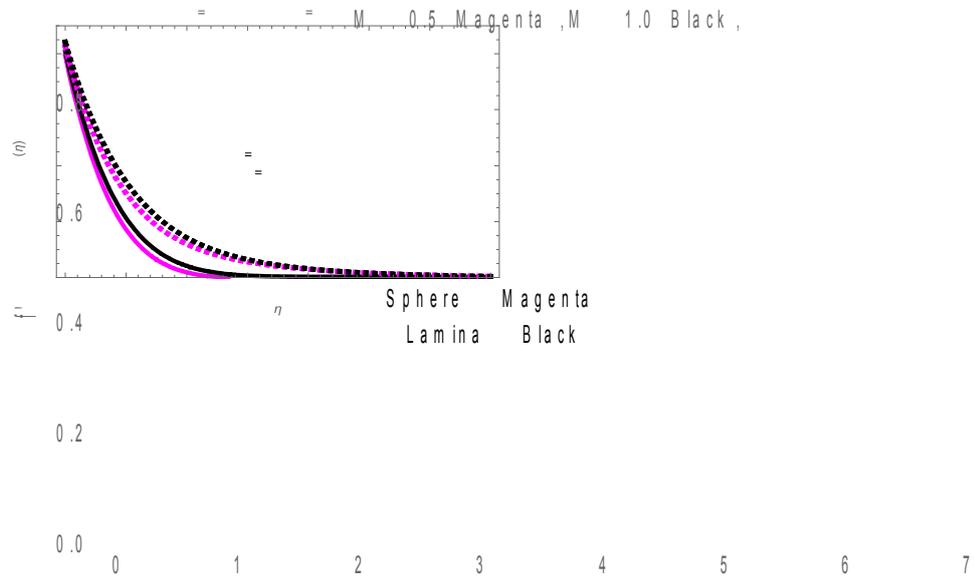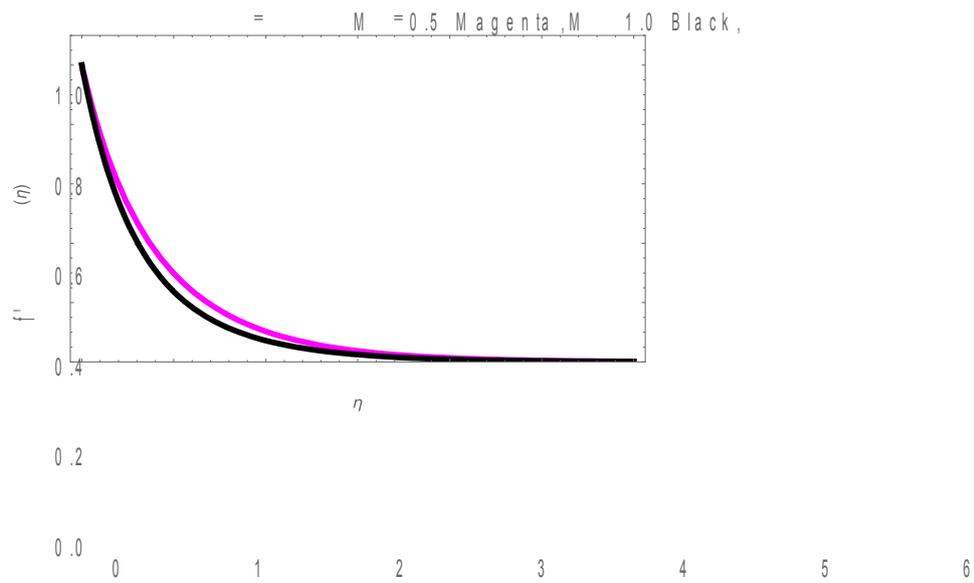
Figure 3 $f^{'}(\eta)$ and $\theta(\eta)$ for dissimilar value of M.

f'

(η)

1.0

0.8

0.6

0.4

η

0.2

0.0

0   1   2   3   4   5   6

$\theta(\eta)$

0.8

0.6

η

Sphere   Magenta
Lamina   Black

0.4

0.2

0.0

0   1   2   3   4   5
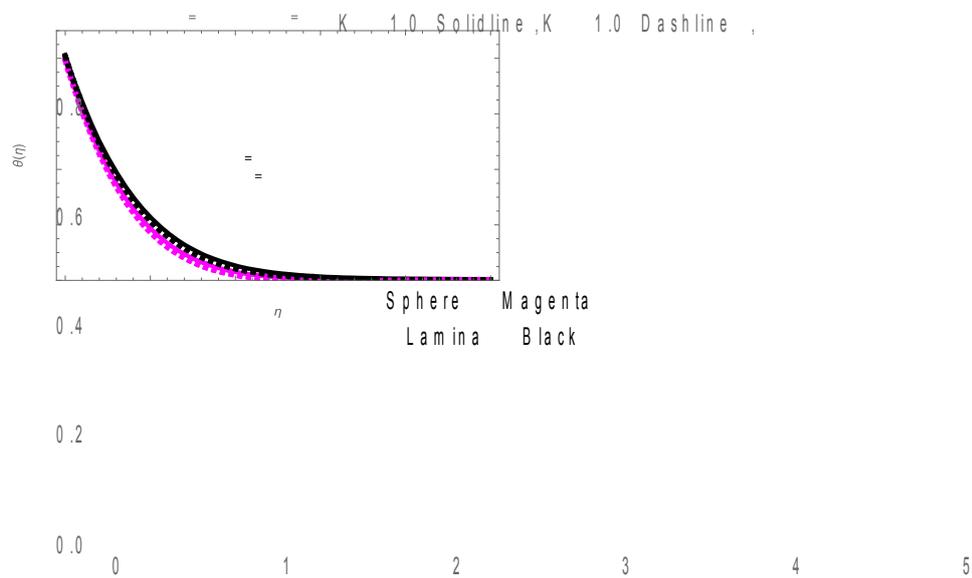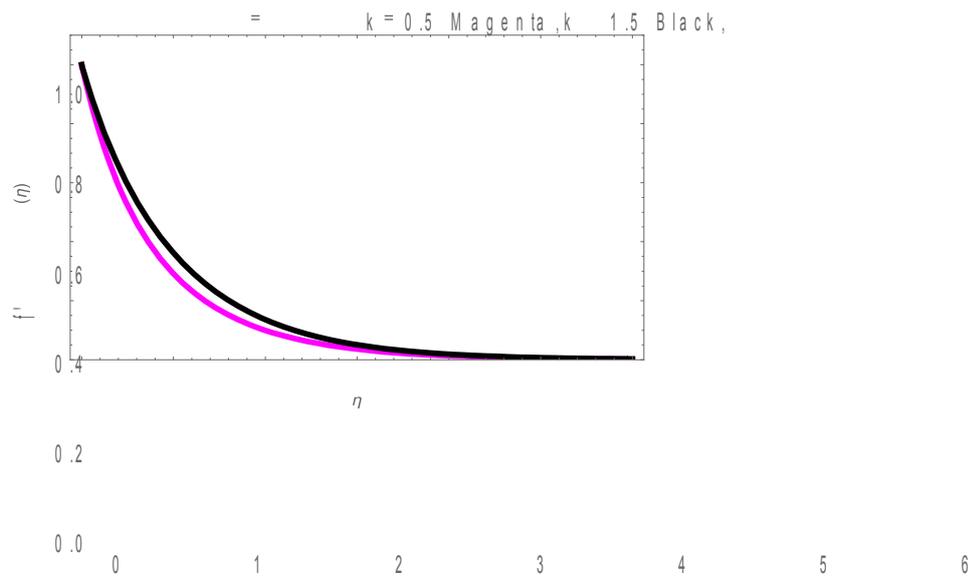
Figure 4 $f'(\eta)$ and $\theta(\eta)$ for dissimilar value of K.

f'(η)

η

0.2

0.0

θ(η)

η

Sphere Magenta
Lamina Black
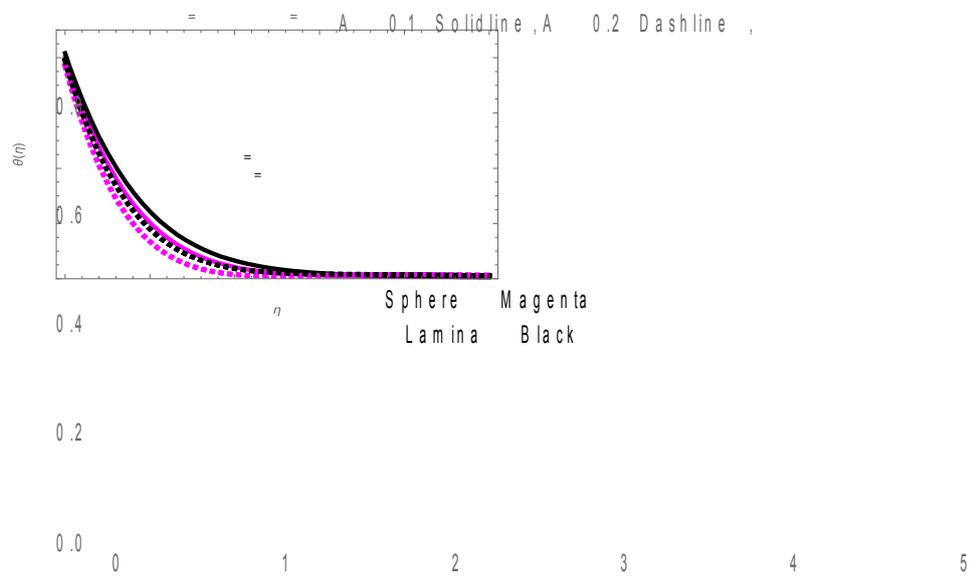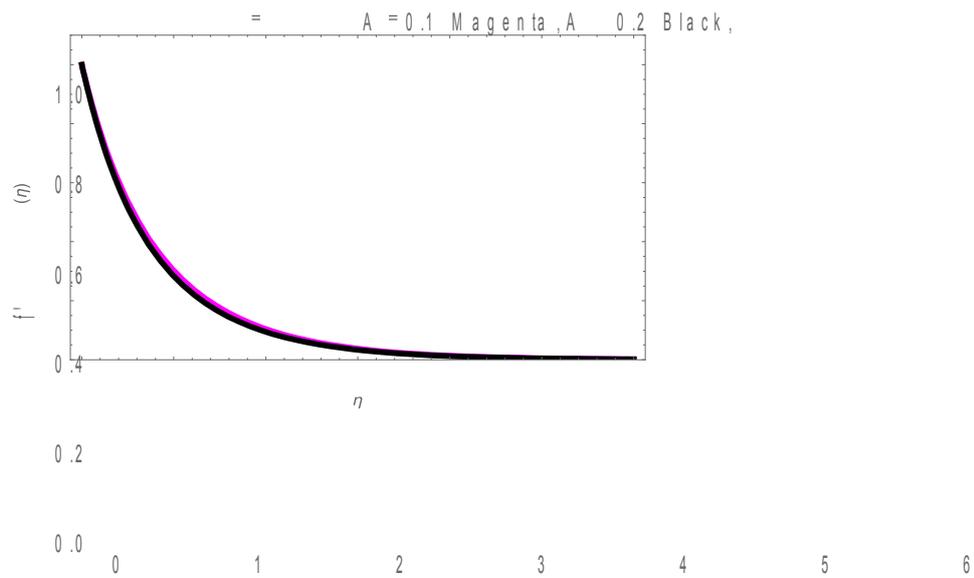
Figure 5 $f'(\eta)$ and $\theta(\eta)$ for dissimilar value of A.
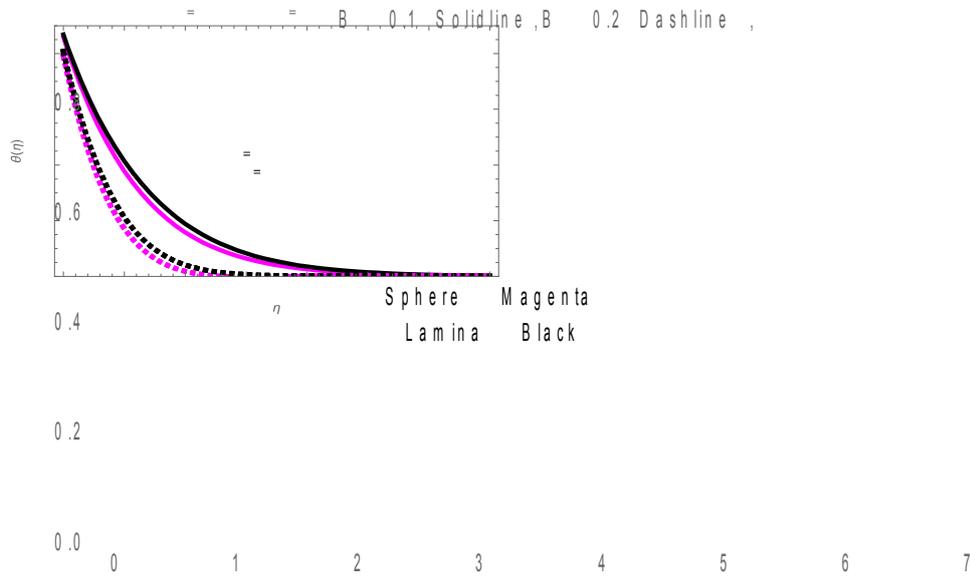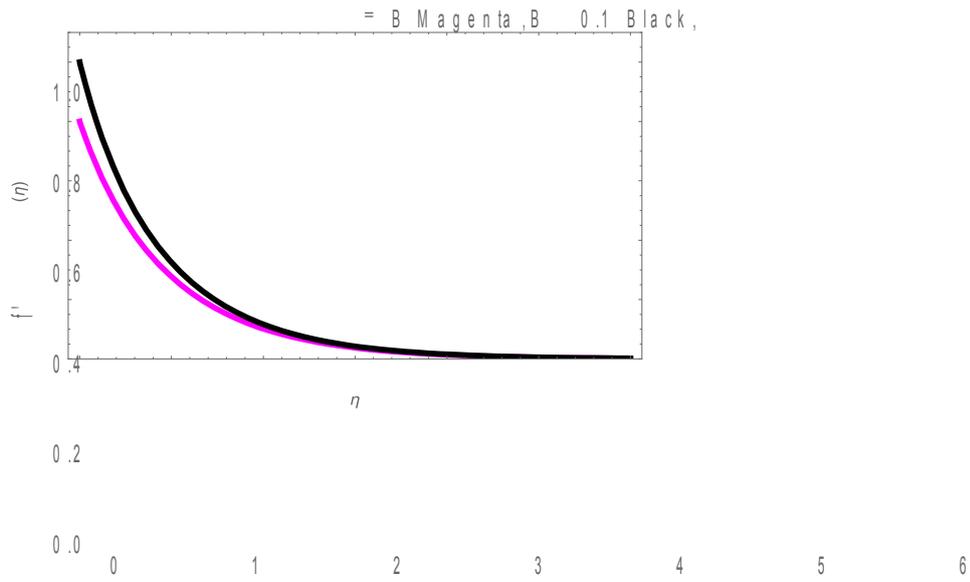
Figure 6 $f^{'}(\eta)$ and $\theta(\eta)$ for dissimilar value of B.

$\theta(\eta)$

0.8

0.6

Sphere   Magenta

0.4

Lamina   Black

0.2

0.0

η

0   1   2   3   4   5   6   7
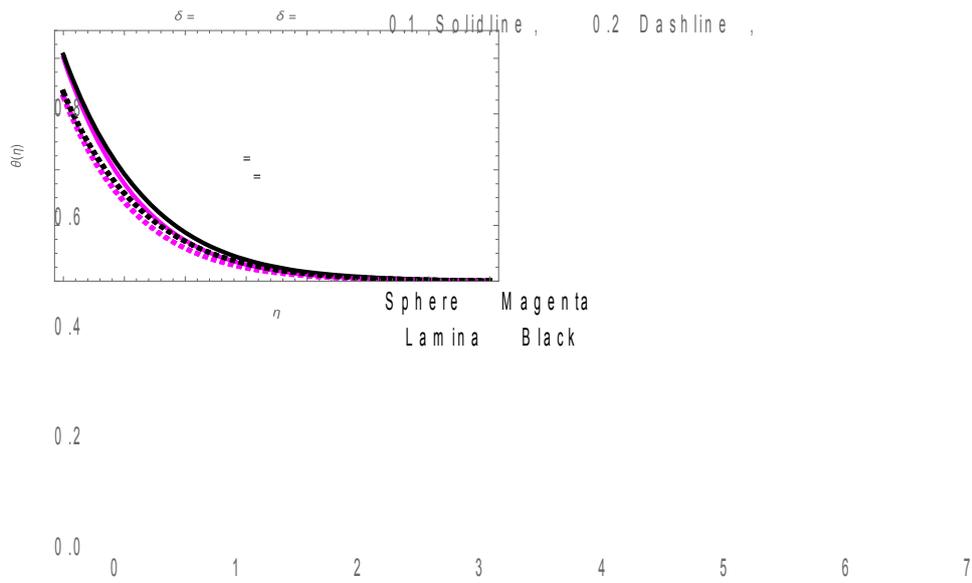
Figure 7 $\theta(\eta)$ for dissimilar value of δ.

$\varepsilon =$ $\varepsilon =$, 0.4, Solidline ,   0.6 Dashline ,

$\theta(\eta)$

0.8

0.6

Sphere   Magenta

0.4

Lamina   Black

0.2

0.0

η

0   1   2   3   4   5   6   7
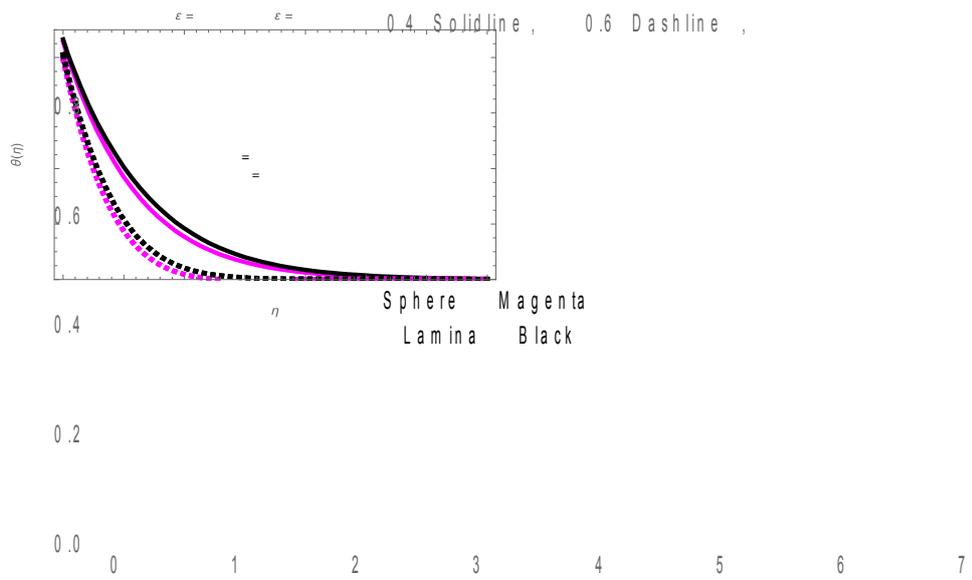
Figure 8 $\theta(\eta)$ for dissimilar value of ε.

$\theta(\eta)$

0.8

0.6

0.4

0.2

0.0

Sphere   Magenta
Lamina   Black

η

0   1   2   3   4   5   6
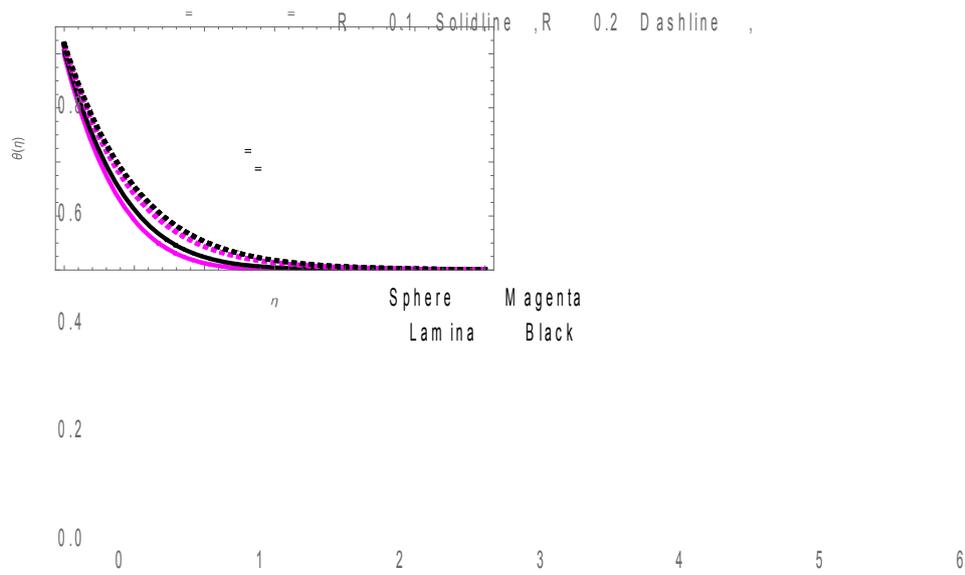
Figure 9 $\theta(\eta)$ for dissimilar value of R.

N u

0.50

0.48

0.46

0.44

0.42

0.40

0.38

Sphere   Magenta
Lamina   Black

0.0   0.5   1.0   1.5   2.0

M
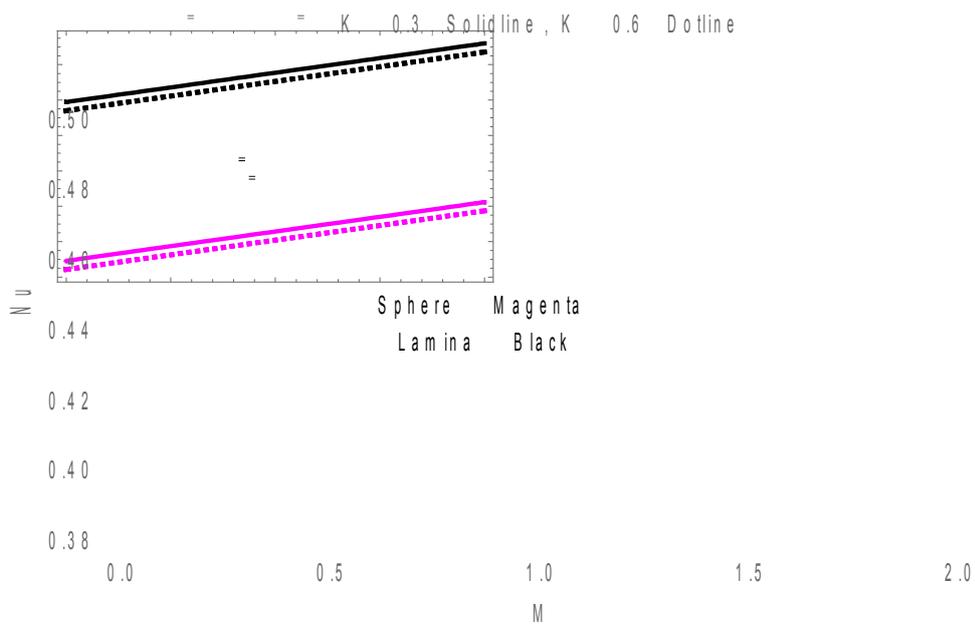
Figure 10 Nu for dissimilar value of K.

Sphere   Magenta
Lamina   Black

NU

S
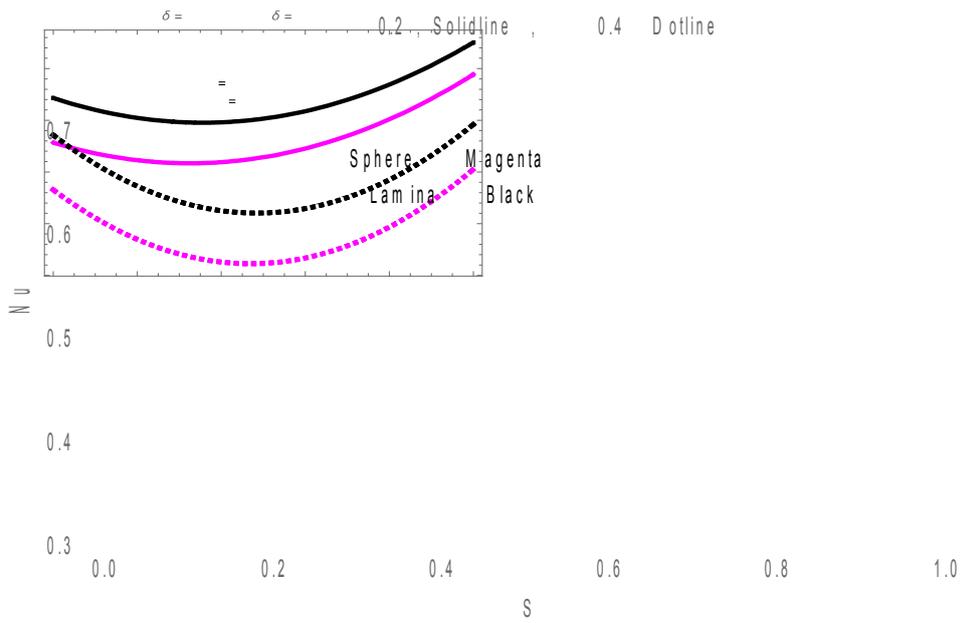
Figure 11 Nu for dissimilar value of δ.

Sphere   Magenta
Lamina   Black

NU

ε
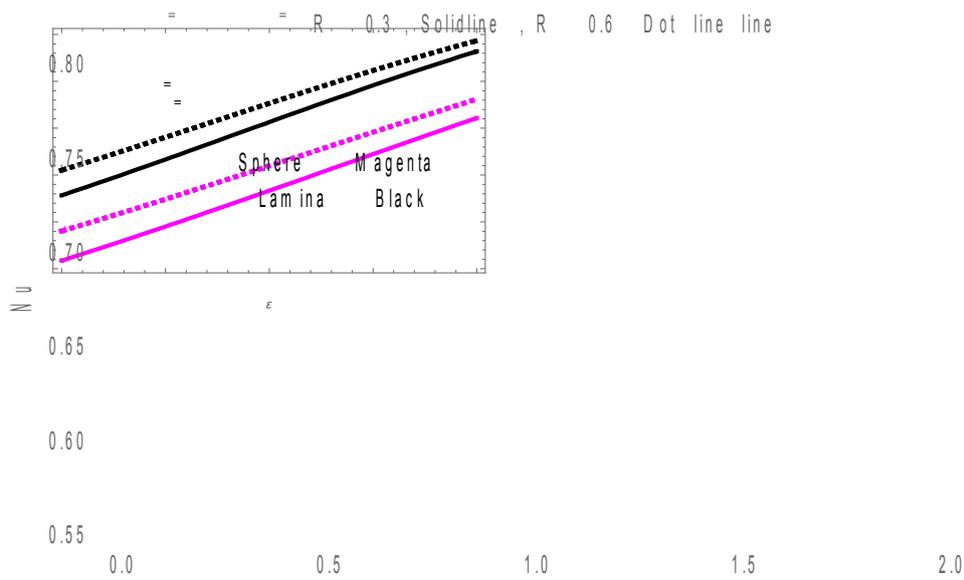
Figure 12 Nu for dissimilar value of R.